

UMASS/AMHERST



312066 0318 5425 3

PER
SB
403
A39
v.23
Oct 29
1904-
Jan 21
1905

LIBRARY
OF THE



MASSACHUSETTS
AGRICULTURAL
COLLEGE

NO. 26898 DATE 6-1906

SOURCE College funds.

~~6-1906~~

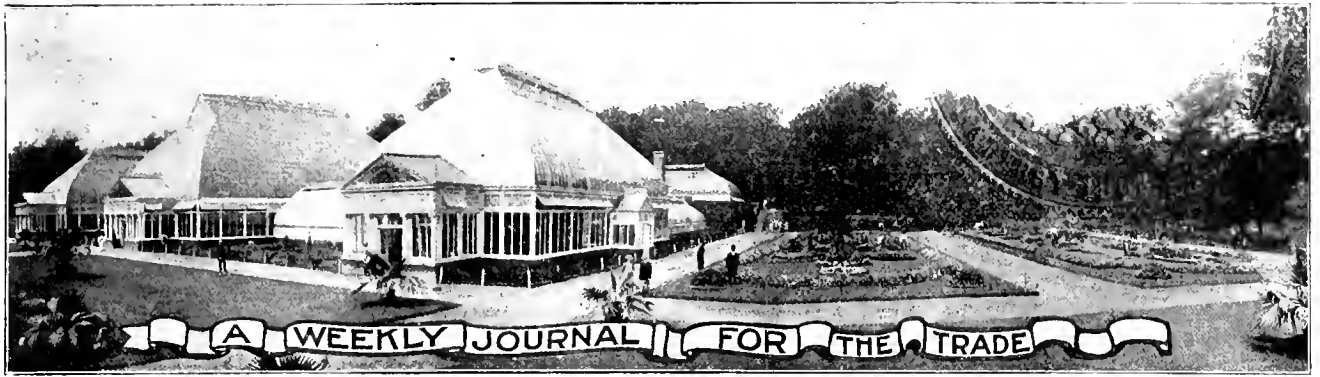
~~Aug 31~~

v.23:2

634.405

Amc + v.2312

THE AMERICAN FLORIST



America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."

Vol. XXIII.

CHICAGO AND NEW YORK, OCTOBER 29, 1904.

No. 856

THE AMERICAN FLORIST

TWENTIETH YEAR.

Copyright 1904, by American Florist Company.
Entered as Second-Class Mail Matter.

PUBLISHED EVERY SATURDAY BY

AMERICAN FLORIST COMPANY,

324 Dearborn St., Chicago.

Eastern Office: 42 W. 28th St., New York.

Subscription, \$1.00 a year. To Europe, \$2.00.

Subscriptions accepted only from the trade.

Volumes half-yearly from August, 1901.

SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—PHILIP BREITMEYER, Detroit, Mich., president; J. J. BENEKE, St. Louis, Mo., vice-president; WM. J. STEWART, 11 Hamilton Place, Room 11, Boston, Mass., secretary; H. B. BEATTY, Oil City, Pa., treasurer.

OFFICERS-ELECT—J. C. VAUGHAN, president; J. R. FREEMAN, vice-president; secretary and treasurer as before. Twenty-first annual meeting at Washington, D. C., August, 1905.

THE AMERICAN CARNATION SOCIETY.

Annual convention at Chicago, 1905. ALBERT M. HERR, Lancaster, Pa., secretary.

AMERICAN ROSE SOCIETY.

Annual meeting and exhibition, Boston, Mass., 1905. LEONARD BARRON, 136 Liberty St., New York, secretary.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Annual convention and exhibition, November, 1904. FRED H. LEMON, Richmond, Ind., secretary.

THIS ISSUE 40 PAGES WITH COVER.

CONTENTS.

| | |
|---------------------------------------------|-----|
| Palms and ferns | 525 |
| —Useful species of rhaps | 525 |
| —Seaforthia elegans in bloom (illus.) | 526 |
| Gladiolus Princeps | 526 |
| The carnation—The price of Fiancee | 526 |
| —Timely suggestions | 526 |
| —Insect destroys carnations | 527 |
| —To kill cut worms or sow bugs | 527 |
| World's Fair exhibition | 528 |
| Shaw premiums at World's Fair show | 528 |
| Premium list World's Fair exhibition | 529 |
| Blight on Perle rose-buds | 530 |
| Injurious effects of manure | 530 |
| Massachusetts Horticultural Society | 530 |
| The retail trade—Clusters (illus.) | 531 |
| New York | 531 |
| Chicago | 531 |
| Philadelphia | 532 |
| Boston | 533 |
| Washington D. C. | 533 |
| St. Louis | 533 |
| Ara caria imbricata | 534 |
| Asters failing to bloom | 534 |
| Society of American Florists | 534 |
| American Carnation Society | 534 |
| Chrysanthemum Society of America | 534 |
| The new chrysanthemum scale | 535 |
| The seed trade | 542 |
| New Orleans | 542 |
| Buffalo | 542 |
| The nursery trade | 544 |
| —Best outdoor white lilac | 544 |
| Shade trees for the Hub | 544 |
| Our pastimes | 546 |
| Louisville | 549 |

PALMS AND FERNS.

Useful Species of Rhaps.

Rhapis flabelliformis and R. humilis often prove very useful to the decorator, and especially so to those requiring large specimens, these palms being much more effective in large and bushy plants than they are in the smaller sizes. In 6 inch or 8 inch pots the rhapsies are not sufficiently shapely to be of great use to the decorator, but when a 14-inch or 16 inch tub is well filled out with the cane-like stems and thoroughly furnished with the dark green and very tough foliage of R. flabelliformis, it forms a decidedly handsome plant, and also one that may be safely relied upon for its lasting qualities, provided that the plant is given an abundant supply of water. This species is rather the stronger grower of the two referred to and is a cool house palm, a temperature of 50° at night being quite sufficient to keep it in good condition during the winter months.

As indicated by its specific name, the leaves of this rhaps are fan-shaped, being divided into five to seven segments, the tips of which are blunt and the footstalks slender and wiry. Under good cultivation this palm reaches a height of six or seven feet, though more often seen of shorter growth, and from its habit of throwing up suckers from the base soon shows its naturally bushy habit. R. humilis is also frequently seen among decorative stock, and shows much the same habit of growth as R. flabelliformis, though the canes or stems of R. humilis are more slender, the foliage is softer to the touch and less glossy and the leaves are divided into a greater number of segments. The foliage of the latter species is also more drooping than that of the former, but seems to be almost as enduring as that of R. flabelliformis.

R. Sirotsik is a Japanese name for R. humilis and it is frequently imported under that title. The suckering habit of these palms provides a ready method of propagation, that of division, and this is the usual method adopted, it being the best practice to divide them in the spring, being careful to separate the roots with as little bruising or breakage as possible, and not to expose them to the air for any great length of time. None but divisions with roots should be taken from the main plant, for while an unrooted sucker may be induced to form roots in time, and with proper care, yet it is frequently quite a lengthy operation,

whereas the rooted suckers, being potted up into as small pots as may be convenient for the purpose, will become established in a few months by placing them in a moderately warm house, protecting them from the sun and giving water enough to keep the soil in good rooting condition.

This direction as to watering may not seem to be clear and explicit, and may be explained to mean that the soil should be kept moist without becoming sodden, for a rhaps will not root satisfactorily in either a dry soil or a soured one. Palms in general enjoy bountiful supplies of water after becoming established in the soil, but uncommon with the majority of plants require a little judgment in the application of water for the first few weeks after having been divided or repotted.

The variegated form of R. flabelliformis has been referred to in an earlier chapter of these notes, and is one of the most distinct or variegated palms and well worth a place in a collection of these plants, but for commercial purposes is likely to be found too slow in growth and increase to become much of a money maker. An unrooted sucker of the variegated rhaps is a very deliberate subject in regard to growth, and I have seen one or more that occupied a place in a propagating frame for over one year before forming sufficient root to be called an established plant. I have since thought that with less heat a quicker and better result might have been attained with these plants, for one cannot always force a cool house plant into satisfactory growth by the application of strong bottom heat.

The main source of supply for the rhaps is Japan and in the direct importations are sometimes found some variations from the type, apparently the result of crossing between R. flabelliformis and R. humilis, one such form having been named R. intermedia, and in a batch of R. flabelliformis, so-called, there may be found plants of two or three varieties, any or all of which may prove valuable for decorative work. A less common species than those to which reference has already been made is R. Cochinchinensis, a palm of rather stronger growth, and one that is readily distinguished from the former by its spiny leafstalks. This species has been grown in this country for several years in a few collections, but not in sufficient quantity to be considered among available commercial palms. Many very beautiful and distinct palms are not taken up commercially on account

of their spiny habit, a very spiny palm being somewhat of a nuisance to the decorator and also to his patrons, as anyone who has handled such a palm as *Acanthorhiza stauracantha* with its network of long and branched spines around the stem can fully testify.

But there will be an awakening in the direction of something more than the ever present kentias sometime in the future, for as the taste for horticulture grows, and grow it does and will, there will come a demand for greater variety than the market now affords, and it is therefore well to bring these plants that are outside of the ordinary run into notice from time to time. *Acanthophoenix*, *martinezia*, *bactris*, *thrinax*, *welfia*, *geonoma*, *pinanga*, these and a host of others suggest themselves either for their graceful habit, singular form, abundant spines or varied coloring of the young and immature leaves, those of the *welfia* for example being of a bright reddish chocolate as they first expand, finally changing to dark green. And this is a slender growing unarmed palm that might well find a place among the available trade species even though it may not be just as hardy as a *rhaps* or a *chamarops*. Several of the *geonomas* also show some very distinct coloring in the young foliage, and as this is a dwarf race of palms there is no danger of most of the species of this genus outgrowing the average greenhouse of the amateur plant grower for some years, besides being of very graceful habit and reasonably rapid growth. There are numerous palms that one can not safely recommend to those customers having only a small greenhouse in which to keep their palms, for such species would outgrow their quarters before showing their true character and thus prove a great disappointment to the customer, and among those that readily suggest themselves are some of the *cocoses*, *oreodoxas* and *euterpes*, to which we may refer in a future issue.

W. H. TAPLIN.

Seaforthia Elegans in Bloom.

The accompanying illustration shows a specimen of *Seaforthia* (*Ptychosperma*) *elegans* in flower at the well known private establishment of George W. Fifield, Lowell, Mass., where Frank Sladen presides as gardener. The plant is over thirty feet high and is attracting no little attention locally.

Gladiolus Princeps.

This hybrid gladiolus is the result of a cross between *G. cruentus* and *G. Childsii*. It is certainly one of the best ever raised, says *The Garden*, of London, Eng., issued September 3. The color is crimson-scarlet, with a small white irregular band on each of the three lower segments. The individual flowers are fully six inches across. It is very vigorous in growth. When the first flowers open the spike is short, but develops as the flowers open upwards. A single spike often has eighteen to twenty flowers, and with the side shoots lasts for quite a month. The spikes, when cut, last in water a long time, the flowers continuing to open as on the plant. It is exceptionally easy to increase, a great number of little corms or bulbets being found around the large one. A bed on the range terrace at Kew is at the present time a blaze of color.

NEW BEDFORD, MASS.—S. S. Peckham has removed his office and salesroom to 8 South Sixth street. An opening took place October 15.

THE CARNATION.

The Price of Fiancee.

This famous carnation is a 1900 seedling raised by the F. Dörner & Sons Company, La Fayette, Ind., and grown by them until and during the season of 1902-3. In the fall of 1902 the pleasing color, size and stem of the blooms exhibited by this company attracted the attention of the writer of these notes, who at once asked the firm to name a price on the entire stock. At first the Dörners declared they would not sell the variety, as their intention was to grow it for cutflowers them-



Seaforthia Elegans in Bloom.

selves and not disseminate the variety for many years to come, believing they could make more money out of it that way. Negotiation was continued, however, until the firm named a price which took all the ambition out of me so far as ever purchasing the stock was concerned, but I could not resist the temptation of going to La Fayette to see the variety growing, and the sight I saw there more than ever convinced me that this magnificent carnation was in a class by itself and would take many years to beat, whereupon negotiations were again opened, with the result that the stock of 150 plants and all the cuttings that could be produced from them that season (1902-3) were purchased by the Chicago Carnation Company for the sum of \$10,000.

The price paid was kept secret a long time, as the new owners did not want to

make the carnation famous any other way than by its own merits. This we have succeeded in doing to our entire satisfaction and to the satisfaction of all those who have seen the variety on exhibition and growing in the greenhouses at Joliet. I personally named the carnation at the Chicago flower show immediately after it was awarded all sweepstakes and judged as the finest carnation in the world by such competent judges as Arthur Herrington, Madison, N. J.; Prof. Cowell, Buffalo, N. Y.; Emil Buettner, Park Ridge, Ill.

The name Fiancee was at once popular, and the vase of blooms, with their number of prizes tagged to it, was the sensation of the show, and, as the secretary of the Horticultural Society said at the time, had been the means of swelling the receipts of admission to the show considerably larger than they otherwise would have been. It is needless to mention the honors Fiancee has won since that time, as they have been published in the trade papers from time to time. It has maintained its reputation and won over all comers every time exhibited, and what pleases us most is that we and all who see it growing believe it to be as free a bloomer as any carnation in commerce.

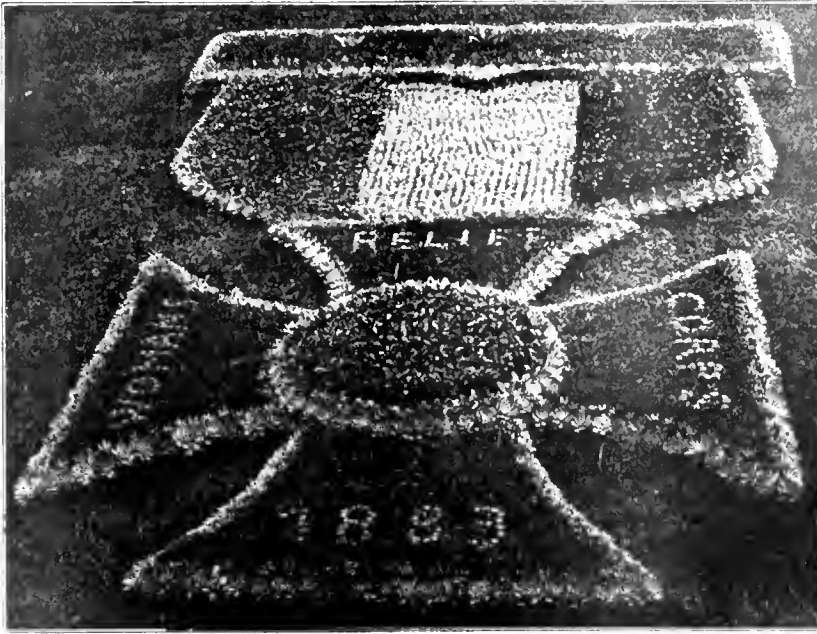
This is now the second season we are growing it. We are more than pleased with its behavior. We have not lost a single plant out of the 30,000 we have benched through stem rot. It has no rust whatever, nor bacteria, propagates very easily, roots in three weeks, seems to thrive and do as well in field culture as when pot-grown. Last season we benched it in a very heavy soil. This season the soil is much lighter and the plants seem to do equally well, in fact it seems more free than last year.

We now have about 8,000 plants in full bloom and about 25,000 pinched back for cuttings, so we anticipate no trouble in filling orders, which can be done without overpropagating the variety, the one thing which we have avoided all along.

JAMES HARTSIORNE.

Timely Suggestions.

The season is now far enough advanced for us to be able to work along the regular line as to watering, airing and keeping up an even temperature. The main thing in caring for the plants from now on to keep them in active growth and productiveness is to see that the temperature of the houses is kept as even as it can be got at all times. Night firing will be necessary nearly every night now, and the night man should be posted as to the different temperatures to be maintained for the several varieties being grown, making it clear to him how much the success of the plants depends on his careful watching. At each thermometer have a tag hung indicating the night temperature, also that which is to be maintained on cloudy days. The question of what is the proper night temperature for the different varieties depends greatly on the conditions prevailing out of doors. When the outside temperature stands around 38°-40°, and the air is raw, as it often is at this time of the year, the temperature in the houses should be kept at 52°-54°. But should the weather be very cold and freezing hard, keep the inside temperature as near 50° as is possible. On cloudy days, with a moderate outside temperature, run the houses up to 58°-60° and put on a crack of ventilation, and on bright, warm days regulate the temperature inside with the ventila-



FANCY BEDDING IN BOSTON PUBLIC GARDEN.

(See issue of October 8, page 422.)

tors, taking particular care that it does not get too hot in the morning before commencing to raise the ventilators, which should be gradually opened up, closing them the same way in the afternoon.

Extra pains must now be exercised when watering to prevent the plant getting wet while doing it. Water the soil only as it requires it. Sometimes the beds will run three or four days without needing any water excepting a few places near the steam pipes and along the edges, which naturally dry out faster than the center. All extra staking or wiring needed should be done at once before the plants get into heavy crops. Also, remove any dead foliage left on the plants. Disbudding should be attended to regularly as soon as the side buds become large enough to properly handle without damaging the main one. Also, while disbudding, remove the side shoots far enough down so as to be able to cut the blooms with a good long stem.

Mix up some lime and sulphur with water and paint some strips of about three feet long at intervals of six feet apart along one of the steam pipes in each house. Also, attend to the fumigating regularly every week to keep the green fly in check. The fall exhibitions will be on in a week or two, and carnations, being a big feature at most of these shows, all of us are tempted to feed up a bit to win a few prizes, but unless extra judgment is used in feeding at this stage of the plant growth the premiums won will not pay up for the soft, weakened condition of the plants resulting from the plants being overfed before thoroughly established. Indoor grown and early planted stock, which are by this time thoroughly well rooted through, the beds can stand more feeding without injury than those which have been set only about six weeks and have not taken much of the nourishment out of the soil as yet; care must therefore be taken in applying liquid manures just at this time, particularly so on late planted stock.

C. W. JOHNSON.

Insect Destroys Carnations.

ED. AM. FLORIST:—Our Lawson carnations are beginning to be affected in a manner in which a few were affected all last winter. The blooms come imperfect or fail to open. Examination discloses a decayed spot in the center, and in it from one to a dozen oblong, white eggs about the thickness of a pin are found. Can you tell me what insect lays the eggs, and the remedy?

We have another insect which frequently works on the under side of calla leaves and is now working on some young kentias. It has a dark back with

white head very similar to a red spider, but grows about twice as long and is slimmer than an aphid. It seems to like damp, shady places. What will destroy it?

How long is a full grown thrip? The several books I have referring to them do not give an accurate description of them and I am not sure that I ever saw one.

W. A. D.

I think the primary cause of the trouble with the Lawson blooms is the thrip. When these pests are working on the flower the petals fail to open properly, causing the inside to rot. Also there is a bug called a skipper or "tarnished plant bug" which is brought in from outside and usually works on the carnation blooms at this time of the year. I think that this is likely to be the insect which lays the eggs and is causing most of the trouble. The only remedy I have found for these is hand picking. To keep the thrips down pick off any affected buds which can easily be seen by the petals which are pushing up out of the calyx being spotted with white and curled. Also give ample ventilation and apply a little sulphur about every ten feet along one of the steam pipes.

According to the description of the insects working on the calla leaves and young kentias it is my opinion that these are also thrips and the best remedy is vigorous syringings on the underside of the leaves.

I have never measured the length of a full grown thrip, but as near as I can tell they are about one-sixteenth of an inch long, some white and others brown.

C. W. JOHNSON.

To Kill Cut Worms and Sow Bugs.

ED. AM. FLORIST:—I have about 1,000 carnations and am bothered with cut worms—I suppose they are. They grow to be 1½ or 2 inches long and stay in the soil during the day, coming out at night to eat a hole in the bud. I also am troubled with sow bugs that eat my



NEW STORE OF THE HUDDART FLORAL COMPANY, SALT LAKE CITY, UTAH.

26878

sweet alyssum. How can I do away with both these pests?

R. L. W.

The quickest way to get rid of cut worms is by hand picking. Take a light and examine the plants after dark, destroying any of the worms which are found working on the plants. By following this up for a few evenings you will very soon get the best of them. These cut worms usually rest during the day just under the surface of the soil at the base of the plants. By scratching a little of the soil away several can be also caught.

To destroy sow bugs take some granulated sugar, and enough paris green to color it green, then sprinkle it along the edge boards of the bench. Also lay some on pieces of the boards every few yards on the beds. The bugs are greedy for this and in a few days you will be entirely rid of them.

C. W. JOHNSON.

World's Fair Exhibition.

The executive committee of the World's Fair Flower Show Association met in room 4, Auditorium Annex, Chicago, Monday morning, October 24. There were present E. G. Hill, of Richmond, Ind.; Philip Breitmeyer, Detroit, Mich.; Leonard Kill, P. J. Hauswirth, J. C. Vaughan, Chicago and W. N. Rudd, Mt. Greenwood, Ill. Flower show matters were taken up in detail and two sessions were held, lasting until 10 o'clock in the evening. Letters were read guaranteeing an additional total of over \$1,500. Messrs. Vaughan, Smith and Hauswirth, the committee appointed to visit St. Louis, reported the hearty co-operation on the part of the St. Louis Florists' Club, the florists, seedsmen and nurserymen subscribing to the guarantee fund in that city a sum exceeding \$1,000. Also the appointment of a committee to further the work of the association in St. Louis, consisting of Messrs. Beneke, Ellis and Meinhardt. A letter was read from Chairman Beneke, of the St. Louis committee, suggesting the names of available assistants for the flower show work.

A resolution was passed detailing the

methods of carrying on the work of the show, naming the officers authorized to make purchases and an auditing committee on all expenses. The matter of expediting freight and express shipments of plants and flowers to the grounds in St. Louis and at minimum transportation cost was taken up and put in charge of the committee; 3,000 five color posters were ordered for distribution in the city of St. Louis and the fair grounds. An invitation was issued through Chairman Taylor to President Francis to open the show with an address Monday, November 7, the hour to be named later.

The matter of taking care of trade visitors at the show was very fully discussed. A section of the conservatory near the office, for desks and register was decided on. It was further arranged that through the trade papers and premium lists all trade visitors at the fair be requested to so arrange their sight seeing as to be present at the office of the association in the conservatory either in the forenoon or afternoon of each day to meet each other, the meeting hour for the morning being 10 o'clock and for the afternoon 4:30. It was believed that by giving these arrangements widespread publicity all florists, seedsmen and nurserymen attending the show and desiring to meet others they knew to be there could very conveniently arrange appointments at these hours and no one need be lost for any length of time.

An offer from the trade papers to print the premium list entire was accepted with thanks. John B. Deamud was appointed assistant to the chairman. Philip Breitmeyer was appointed committee on music, to report at the next meeting. Treasurer Rudd was instructed to order a twenty per cent assessment on the guarantee fund to meet preliminary expenses. The meeting adjourned to convene October 31 unless sooner called. The premium list will be found on the next page.

W. N. Rudd of the premium committee, at the request of several members added the following section to the rose classes:

53 B. Madam Abel Chatenay, first premium \$40, second premium \$30, third premium \$20.

The following is a list of the guaran-

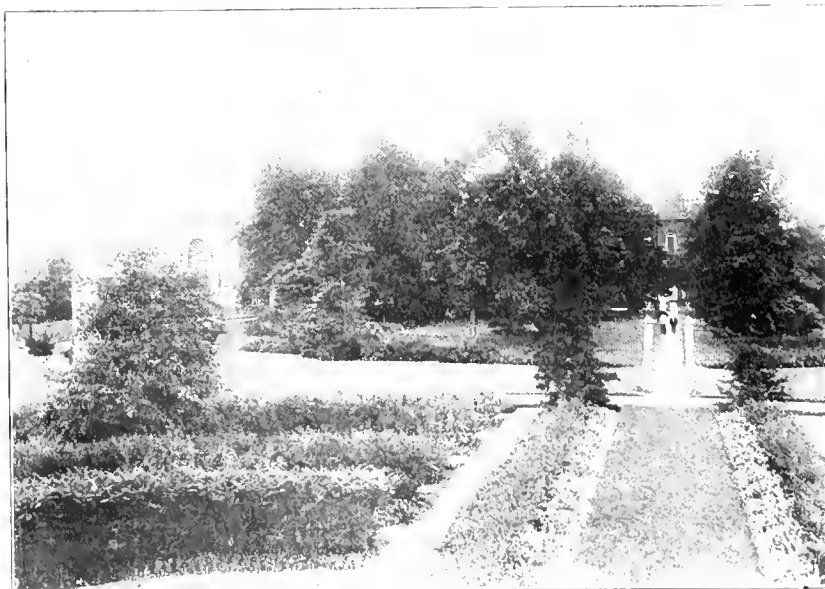
tors, as revised, to an including October 26:

| | |
|------------------------|-----------------------|
| American Florist Co | Kanst, Ed. A. |
| Asmus, Geo. | Kasting, W. F. |
| Bassett & Washburn. | Kellogg, Geo. M. |
| Batty, H. B. | Koenig, Otto G. |
| Beuthey — Coatsworth | Kroeschell Bros. Co. |
| C. | Kuehn, C. A. |
| Beneke, J. J. | Lewis Pub. Co. |
| Berning, H. G. | Lord & Burnham Co. |
| Berterman Bros. | May, J. H. N. |
| Breitmeyer, Phillip | Meinhardt, F. H. |
| Buckhee, H. W. | Moninger, J. C. Co. |
| Burpee, W. Atlee | Periam, Jonathan |
| Burton, John | Peterson, W. A. |
| Bushnell, D. I. | Pierson, Frank R. |
| Corneli, Adolph | Poehlmann Bros. |
| Cross, Eli | Reinberg, Peter |
| Deamud, J. B. | Rudd, W. N. |
| De Wever, C. | Schray Wm. & Sons |
| Dorner F. & Sons Co. | Scot, John |
| Ellis, F. M. | Skidelsky, S. S. |
| Evans, John A. | St. Louis Seed Co. |
| Filmore, F. J. | Storrs & Harrison Co. |
| Florists' Exchange, | Smith, Elmer D. |
| Florists' Review, | Smith, Wm. R. |
| Foley Mfg. Co. | Sullivan, J. F. |
| Poster Floral Co. | Taylor, F. W. |
| Harris, W. K. | Treleuse Wm. |
| Hackinson, J. H. | Thompson, J. D. |
| Hartshorne, Jas. | Ullrich, Lewis |
| Hauswirth, Edwin J. | Vaughan, J. C. |
| Hauswirth, P. J. | Weber, F. C. |
| Hill, E. G. | Weber, F. A. |
| Holding, M. G. | Wietor Bros. |
| Hunt, E. H. | Wilcox, J. F. |
| Indiana Floral F. A'n. | Wilson, James S. |
| Irish, H. C. | Winterson, E. F. Co. |
| Juengel, Chas. A. | |

Shaw Premiums at World's Fair Show.

The founder of the Missouri Botanical Garden, Henry Shaw, made provision in his will for "five hundred dollars annually for premiums or prizes to a flower show or exhibition when such flower show may be established by amateurs and horticulturalists of St. Louis, to be paid each year out of the funds of the garden." In 1893, by action of the trustees of the garden, there was founded, as part of these premiums or prizes, a gold medal of the value of \$25, to be known as "the Henry Shaw medal for the introduction of a valuable plant," to be awarded each year, when practicable, for a new plant of value for cultivation, exhibited in St. Louis, as a part of the premiums or prizes to a flower show or exhibition provided for in the will of the late Henry Shaw, provided that the judges or other persons making awards at such exhibition shall certify that said medal is awarded for a plant of decided merit for cultivation not previously an article of North American commerce and introduced to such commerce by the exhibitor during the year in which said award is made.

With the sanction of the president of the board of trustees the director of the garden has authorized the managers of the World's Fair flower show to offer the amount of \$500 for the present year in the form of twelve Shaw medals under the conditions stated above and \$200 in cash prizes. It will be seen that the opportunity is an unusual one for those who have this year made notable additions to American horticulture to exhibit their plants in St. Louis and win this exclusive recognition of their enterprise in addition to any of the World's Fair or other premiums that they may compete for. There is nothing in the language governing the founding of the Shaw medal to prevent its award for fruits, vegetables or decorative plants other than flowers, complying with the requirements as to novelty and distinct value for cultivation, the only restriction being that the policy of the garden is to request judges to make awards for plants promising to be of permanent rather than merely transient value, and the manager of the flower show will therefore receive entries for this medal in any branch of horticulture.



A VIEW IN THE SHAW BOTANIC GARDEN, ST. LOUIS, MO.

PREMIUM LIST WORLD'S FAIR FLOWER SHOW.

FIRST DAY—MONDAY, NOV. 7.

CUT FLOWERS—CHRYSANTHEMUMS.

Group 108, Class 643.

Limited to varieties not eligible to compete as seedlings.
All flowers must be exhibited on stems not less than 18 inches long, and without artificial support unless otherwise specified.

| SECTION. | 1st | 2d | 3d |
|-------------------------------------------------------------------------------------------------------------------|---------|---------|---------|
| 1 Best 25 blooms, one variety, white | \$20.00 | \$15.00 | \$10.00 |
| 2 Best 25 blooms, one variety, light yellow | 20.00 | 15.00 | 10.00 |
| 3 Best 25 blooms, one variety, deep yellow | 20.00 | 15.00 | 10.00 |
| 4 Best 25 blooms, one variety, light pink | 20.00 | 15.00 | 10.00 |
| 5 Best 25 blooms, one variety, deep pink | 20.00 | 15.00 | 10.00 |
| 6 Best 25 blooms, one variety, red | 20.00 | 15.00 | 10.00 |
| 7 Best 25 blooms, one variety, bronze | 20.00 | 15.00 | 10.00 |
| 8 Best 25 blooms, one variety, any other color | 20.00 | 15.00 | 10.00 |
| 9 Best 36 blooms (3 vases of 12 blooms each), three colors | 30.00 | 20.00 | 10.00 |
| 10 Best 6 blooms, one variety, white | 6.00 | 4.00 | 2.00 |
| 11 Best 6 blooms, one variety, light yellow | 6.00 | 4.00 | 2.00 |
| 12 Best 6 blooms, one variety, deep yellow | 6.00 | 4.00 | 2.00 |
| 13 Best 6 blooms, one variety, light pink | 6.00 | 4.00 | 2.00 |
| 14 Best 6 blooms, one variety, deep pink | 6.00 | 4.00 | 2.00 |
| 15 Best 6 blooms, one variety, red | 6.00 | 4.00 | 2.00 |
| 16 Best 6 blooms, one variety, bronze | 6.00 | 4.00 | 2.00 |
| 17 Best 6 blooms, one variety, any other color | 6.00 | 4.00 | 2.00 |
| 18 Best 25 blooms, 25 varieties | 25.00 | 15.00 | 10.00 |
| 19 Best 12 blooms, 12 varieties | 12.00 | 8.00 | 5.00 |
| 20 Best collection, not less than 50 varieties, to be shown on moss, short stems, quantity and quality considered | 50.00 | 35.00 | 20.00 |
| 21 Same, 25 varieties | 25.00 | 15.00 | 10.00 |
| 22 Same, 12 varieties | 12.00 | 8.00 | 5.00 |
| 23 Best 100 blooms, one variety, white | 75.00 | 50.00 | 25.00 |
| 24 Best 100 blooms, one variety, yellow | 75.00 | 50.00 | 25.00 |
| 25 Best 100 blooms, one variety, pink | 75.00 | 50.00 | 25.00 |
| 26 Best collection cut sprays, pompon varieties | 35.00 | 25.00 | ..... |
| 27 Best collection of oddities, including hairy and anemone varieties (may be shown with short stems) | 25.00 | 15.00 | ..... |

PLANTS—CHRYSANTHEMUMS.

Group 109, Class 646.

Limited to varieties not eligible to compete as seedlings.

| SECTION. | 1st | 2d | 3d |
|---------------------------------------------------------------------------------------------------------|---------|---------|---------|
| 28 Best 1 specimen plant, white | \$25.00 | \$15.00 | \$10.00 |
| 29 Best 1 specimen plant, yellow | 25.00 | 15.00 | 10.00 |
| 30 Best 1 specimen plant, pink | 25.00 | 15.00 | 10.00 |
| 31 Best 1 specimen plant, any other color | 25.00 | 15.00 | 10.00 |
| 32 Best 1 specimen plant, single | 25.00 | 15.00 | 10.00 |
| 33 Best 3 standards | 75.00 | 50.00 | ..... |
| 34 Best 3 standards, not more than 24-inch stems | 60.00 | 35.00 | ..... |
| 35 Best 25 plants grown to single stem, not over 36 inches in height above the pot, not over 6-inch pot | 25.00 | 15.00 | 10.00 |
| 36 Best group of chrysanthemum plants arranged for effect | 35.00 | 25.00 | 15.00 |
| 37 Best grafted specimen plant | 25.00 | 15.00 | ..... |

CUT FLOWERS—ORCHIDS.

Group 108, Class 643.

| SECTION. | 1st | 2d | 3d |
|--------------------------------------|----------|---------|-------|
| 38 Best collection cut orchid blooms | \$100.00 | \$60.00 | ..... |

PLANTS—ORCHIDS.

Group 109, Class 646.

| SECTION. | 1st | 2d | 3d |
|-------------------------------------------|----------|---------|-------|
| 39 Best collection orchid plants in bloom | \$100.00 | \$60.00 | ..... |

PLANTS—MISCELLANEOUS.

Group 109, Class 646.

| SECTION. | 1st | 2d | 3d |
|----------------------------------------------------------------------------------|---------|---------|---------|
| 40 Best group of ferns | \$75.00 | \$50.00 | \$25.00 |
| 41 Best collection of palms and decorative plants | 50.00 | 35.00 | 25.00 |
| 42 Best group of acaecarinas | 30.00 | 20.00 | 10.00 |
| 43 Best 10 plants, Gloire de Lorraine begonias | 25.00 | 15.00 | ..... |
| 44 Best group of berried plants | 25.00 | 15.00 | ..... |
| 45 Best hamper of flowering and decorative plants and ferns, accessories allowed | 25.00 | 15.00 | ..... |
| 46 Best display of wild smilax arranged for decorative effect | 25.00 | 15.00 | 10.00 |
| 47 Best display of asparagus | 20.00 | 12.00 | ..... |

THE SHAW MEDALS.

Group 109, Class 646.

| SECTION. | 1st | 2d | 3d |
|----------------------------------------------------------------------|-------|-------|-------|
| 47B New plants may be entered for these medals. There are 12 offered | | | |

SECOND DAY—TUESDAY, NOV. 8.

CUT FLOWERS—ROSES.

Group 108, Class 643.

| SECTION. | 1st | 2d | 3d | 4th |
|--------------------------------------------------------------------------------------|----------|---------|---------|---------|
| 48 Best 100 American Beauty | \$100.00 | \$75.00 | \$50.00 | \$25.00 |
| 49 Best 100 Liberty | 40.00 | 30.00 | 20.00 | ..... |
| 50 Best 100 Meteor | 40.00 | 30.00 | 20.00 | ..... |
| 51 Best 100 Bridesmaid | 40.00 | 30.00 | 20.00 | ..... |
| 52 Best 100 Bride | 40.00 | 30.00 | 20.00 | ..... |
| 53 Best 100 Golden Gate, or its sports | 40.00 | 30.00 | 20.00 | ..... |
| 54 Best 50 La Detroit | 25.00 | 15.00 | 10.00 | ..... |
| 55 Best collection of roses, not less than 8 varieties, not less than 25 blooms each | 75.00 | 50.00 | 25.00 | ..... |

THIRD DAY—WEDNESDAY, NOV. 9.

FLORAL ARRANGEMENTS.

Group 108, Class 643.

| SECTION. | 1st | 2d | 3d |
|-------------------------------------------------------------------|---------|---------|---------|
| 56 Best table decoration for 12 covers, table to be set with ware | \$50.00 | \$35.00 | \$25.00 |

CUT FLOWERS—CARNATIONS.

Group 108, Class 643.

| SECTION. | 1st | 2d | 3d |
|-------------------------------------------------------------------|---------|---------|---------|
| 57 Best 100 blooms, white | \$20.00 | \$15.00 | \$10.00 |
| 58 Best 100 blooms, light pink | 20.00 | 15.00 | 10.00 |
| 59 Best 100 blooms, dark pink | 20.00 | 15.00 | 10.00 |
| 60 Best 100 blooms, scarlet | 20.00 | 15.00 | 10.00 |
| 61 Best 100 blooms, crimson | 20.00 | 15.00 | 10.00 |
| 62 Best 100 blooms, any other color | 20.00 | 15.00 | 10.00 |
| 63 Best 50 blooms, white | 10.00 | 7.00 | 5.00 |
| 64 Best 50 blooms, light pink | 10.00 | 7.00 | 5.00 |
| 65 Best 50 blooms, dark pink | 10.00 | 7.00 | 5.00 |
| 66 Best 50 blooms, scarlet | 10.00 | 7.00 | 5.00 |
| 67 Best 50 blooms, crimson | 10.00 | 7.00 | 5.00 |
| 68 Best 50 blooms, variegated (except yellow ground) | 10.00 | 7.00 | 5.00 |
| 69 Best 50 blooms, yellow (including variegated on yellow ground) | 10.00 | 7.00 | 5.00 |

CUT FLOWERS—CARNATIONS. (Open to All.)

Group 108, Class 643.

| SECTION. | 1st | 2d | 3d |
|---------------------------------------------------------------------|---------|---------|---------|
| 70 Best 1 vase 100 blooms, one variety, seedlings admissible | \$25.00 | \$15.00 | \$10.00 |
| 71 Best 1 vase, not less than 50 blooms, not less than 50 varieties | 10.00 | 5.00 | ..... |

FOURTH DAY—THURSDAY, NOV. 10.

CUT FLOWERS—SEEDLING ROSES.

Group 108, Class 643.

| SECTION. | 1st |
|-----------------------------------------------------------------|---------|
| 72 Best rose, not in commerce 20 blooms, a silver cup valued at | \$35.00 |
| 73 Best rose, not in commerce, 15 blooms, white | |
| 74 Best rose, 15 blooms, pink | |
| 75 Best rose, 15 blooms, red | |
| 76 Best rose, 15 blooms, any other color | |

CUT FLOWERS—SEEDLING CHRYSANTHEMUMS.

Group 108, Class 643.

| SECTION. | 1st |
|---------------------------------------------------------------------------|---------|
| 77 Best Chrysanthemum, not in commerce, 10 blooms, a silver cup valued at | \$35.00 |
| 78 Chrysanthemum, white, 10 blooms | |
| 79 Chrysanthemum, light pink, 10 blooms | |
| 80 Chrysanthemum, deep pink, 10 blooms | |
| 81 Chrysanthemum, light yellow, 10 blooms | |
| 82 Chrysanthemum, deep yellow, 10 blooms | |
| 83 Chrysanthemum, red, 10 blooms | |
| 84 Chrysanthemum, bronze, 10 blooms | |
| 85 Chrysanthemum, any other color, 10 blooms | |

CUT FLOWERS—SEEDLING CARNATIONS.

Group 108, Class 643.

| SECTION. | 1st | 2d | 3d | 4th |
|-----------------------------------------------------------------------|---------|-------|-------|-------|
| 86 Best carnation, not in commerce, 50 blooms, a silver cup valued at | \$35.00 | ..... | ..... | ..... |
| 87 Carnation, not in commerce, white, 25 blooms | | | | |
| 88 Carnation, light pink | | | | |
| 89 Carnation, dark pink | | | | |
| 90 Carnation, scarlet | | | | |
| 91 Carnation, crimson | | | | |
| 92 Carnation, yellow (or yellow ground) | | | | |
| 93 Carnation, variegated (except yellow ground) | | | | |
| 94 Carnation, any other color | | | | |

FLORAL ARRANGEMENTS—ROSES.

Group 108, Class 643.

| SECTION. | 1st | 2d | 3d | 4th |
|-----------------------------------------------------------------------------------------|----------|---------|---------|---------|
| 95 Best 1 vase American Beauty, 100 blooms, arranged for effect, accessories admissible | \$100.00 | \$75.00 | \$50.00 | \$25.00 |

FIFTH DAY—FRIDAY, NOV. 11.

FLORAL ARRANGEMENTS.

Group 108, Class 643.

| SECTION. | 1st | 2d | 3d |
|-----------------------------------------------------------------------------|---------|---------|---------|
| 97 Best 1 Basket of Roses, arranged for effect, accessories admissible | \$35.00 | \$25.00 | \$15.00 |
| 98 Best 1 Basket of Carnations, arranged for effect, accessories admissible | 25.00 | 15.00 | 10.00 |
| 99 Best 1 Brides Bouquet | 25.00 | 15.00 | 10.00 |
| 100 Best display of Lily of the Valley cut blooms | 25.00 | 15.00 | 10.00 |
| 101 Best display of Violets | 25.00 | 15.00 | 10.00 |
| 102 Best vase of Lilies, Harrisii or Longiborn, not less than 20 spikes | 15.00 | 10.00 | 5.00 |
| 103 Best vase of Lilies, any other kind | 10.00 | 5.00 | ..... |
| 104 Best display of Shasta Daisies | 10.00 | 5.00 | ..... |

SIXTH DAY—SATURDAY, NOV. 12.

No special features yet announced.

SPECIAL EXHIBITS NOT OTHERWISE PROVIDED FOR.
Exhibits of plants, flowers and floral arrangements not specially provided for ARE SOLICITED and will be liberally recognized and considered for all awards available in as fair a manner as if originally provided for in this preliminary list.

Blight on Perle Rose Buds.

ED. AM. FLORIST:—We have a bench of Perle des Jardin roses which is troubled with a blight of the buds. They dry up and fall off at all stages up to the size of an ordinary pin head or the thickness of a match, the larger per cent being black as soon as visible and falling as soon as free from leaves. The buds that do develop have imperfect necks and some that have been allowed to open show a dark stripe down the center of each petal. These roses were planted from 4-inch pots the last week in July and this trouble was noticed on first growth before any fumigating was done. The plants seem healthy and active in every other way. For fumigating we use nicotine with alcohol lamps, which does not seem to affect them in any way. The soil is one-half a very heavy clay and one-half a rather light soil, perhaps one-twentieth part cow manure and some bone meal, the same soil being used in the whole house. We have Sunrise, Liberty, Bridesmaid and American Beauty in the same house, none of which are affected. We will be very grateful for some information or suggestions through the columns of your paper. J. B. S.

The trouble which "J. B. S." complains of is rather a difficult problem to solve as the same appears to affect only one variety growing under the same conditions and in the same class of soil as others in the same house. Some years

ago I saw a house of roses affected in precisely the same way as above described and upon careful investigation it was found to be caused by some acid used in dissolving the bone used in mixing the compost for the house. The remedy applied in this case was three or four good soakings of lime water, made by dissolving one peck of lime to fifty gallons of water, and when the soil was somewhat on the dry side, giving the whole soil a thorough soaking, repeating the same in about ten days. These applications appeared to counteract the effect of the acid and the trouble ceased after the third application. But in the present case it would hardly seem reasonable that the trouble can be caused by the same means. If it were then other varieties should naturally be affected in the same way, and unless there is some local cause, such as the position of the bench in which the Perle are growing, which should dry out at the bottom more readily than the balance of the house thereby causing them to be more readily affected. Whether this is so or not a good soaking of lime water, alternated with that of common washing soda, in proportion of one pound to 100 gallons of water, at about ten days apart, will, I think, help the buds to develop properly, providing other conditions are favorable, such as temperatures, free circulation of air on all favorable days, etc.

JOHN N. MAY.

Injurious Effects of Manure.

Twice within the last few months the writer has seen the evil effects of manure improperly applied. About a month ago my attention was called to a large bed of asters and Shasta daisies which the owner thought had succumbed to a blight, which came, as he said, "over night." He had applied a thick coating of heavy, well-rotted stable manure, which was saturated with ammonia. The manure was applied in the morning; by night the blight had made its appearance, and by the next morning the plants were practically dead above ground. The ammonia fumes were strong enough to do the injury.

Some time ago a similar case came under observation. A man having a considerable number of seedling honeysuckles made an early fall application of stable compost—too early for the good of the plants—with the result that they, too, were badly injured by the ammonia, which was given off in great quantities. He, too, thought that some blight had been brought on by the application of manure. It needed but a little experimenting to show that it was ammonia which did the damage.

In the above cases some experimenting showed that the injurious effects of ammonia from compost could be counteracted by immediately wetting plants and manure or by mixing a considerable quantity of dry earth with the manure to absorb the ammonia. It is very doubtful if it is often necessary or profitable to apply sufficient quantities of manure to growing plants to thus injure them.

A few years ago we saw a number of chrysanthemums in pots injured in the same way. A bed of lettuce under glass in our own houses suffered more or less on one occasion from such manuring.

All of these cases, coming under my observation, lead me to write these notes, as I believe that this trouble is not uncommon. In a few cases I believe that plants supposed to be killed by blights or fungous diseases may have been injured by similar injudicious applications of manure.

U. P. HEDRICK.

Massachusetts Horticultural Society.

The chrysanthemum show which is to be held this year from November 3 to 6 inclusive is attracting widespread attention and a large number of entries have already been received. In connection with this exhibition there will be a display of vegetables and fruits in the basement. A feature of the show aside from the chrysanthemums, will be the large number of carnations which are to be shown. The following persons will display carnations: J. D. Thompson Company and the Chicago Carnation Company, Joliet, Ill.; John Breitmeyer's Sons, Detroit; and S. S. Skidelsky, of Philadelphia, who will enter some of his special carnations, including Financier, Cardinal and Fred Burke. Lager & Hurrell, of Summitt, N. J., are to have a large display of orchid plants. Among the exhibitors of chrysanthemums will be Mrs. John L. Gardner, by William Thatcher, gardener; Edmund W. Converse, of Newton, by Robert Marshall, gardener; estate of E. S. Converse, of Malden, by David Roy, gardener; and Thomas Doliver, of Brookline, by Michael Bryne, gardener. At the meeting of the exhibition committee on Saturday it was voted to furnish music every evening and twice on Sunday.



WIRED CARNATIONS IN CLUSTER.

The exhibition of methods of destroying gypsy and brown tail moths will be given November 5 at Arlington.

The list of candidates for offices in the society to be voted on at the annual meeting November 19 has been posted and is as follows, the by-laws requiring two nominations for each position:

President, Arthur F. Estabrook, of Boston. Warren W. Rawson, of Arlington.

Vice-president (for two years), Robert T. Jackson, of Cambridge. Benjamin M. Watson, of Jamaica Plain.

Treasurer, Robert Cameron, of Cambridge. Charles E. Richardson, of Brookline.

Secretary, Nathaniel T. Kidder, of Milton. William P. Rich, of Chelsea.

Trustees for two years, Arthur D. Hill, of Boston. Horatio Lamb, of Milton.

Trustees for three years, William C. Endicott, Jr., of Danvers; George P. Fabyan, of Brookline; Warren Fenno, of Revere; Peter Fisher, of Ellis; Warren H. Heustis, of Belmont; J. Woodward Manning, of Reading; John A. Pettigrew, of Jamaica Plain; Michael Sullivan, of Revere.

Nominating committee, Oliver Ames, of North Easton; Nathaniel I. Bowditch, of Framingham; Robert Farquhar, of Cambridge; Obadiah B. Hadwen, of Worcester; Henry S. Hunnewell, of Wellesley; John Lawrence, of Groton; Francis Shaw, of Wayland; John E. Thayer, of South Lancaster; Henry P. Walcott, of Cambridge; James Wheeler, of Brookline.

H. P. S.

THE RETAIL TRADE

Clusters.

Carnations, since they have attained such size, are now in demand for funeral clusters. In order to get the most out of them each stem had best be wired so that it will stay just where it is placed. If carefully done the greater part of the wire is hidden by a judicious use of green, and when finished off with a generous bow the whole is satisfactory. In the illustration the carnations all stand clear of each other, yet the effect is airy and graceful. The cluster of roses and valley is not particularly noteworthy. It is made to lie flat, and yet there is no crowding, each separate flower being visible. The buds are held together with but one band of wire put on when they were finally all in place. Continual wrapping is apt to bind them too closely and give a clumsy effect.

ROBERT KIFT.

New York.

While it can hardly be said that the cut flower market is in the throes of a slump, everyone admits that there is much more stock coming in than can be cleaned up, and the commission man is not the happiest man alive. The weather has been good, both for outside and inside stock, and the former lingers in consequence, though it does not move. Outside carnations attract nobody and cosmos is being tired of. Some fairly good cactus dahlias are coming in and appear to sell well, probably because they should have gone under when the frosts visited this section and have their attraction now in their lateness. It is the same with asters. A few late purple asters have brought good prices simply because their scarcity made them a novelty. There is a continued deluge of chrysanthemums, with no scarcity of yellows. The Appleton variety is moving pretty well, while others seem to lag. Ivory and Bonaffon are in and their quality is pretty good. The lesser lights in the chrysanthemum line are druggy and move only in lots made up to catch a counter bid. Roses are somewhat steeper, a shortened supply relieving the congested condition so noticeable a week or so back. A lot of



FLAT CLUSTER OF ROSES AND LILY OF THE VALLEY.

violets are coming in and of pretty fair quality. Their prices seem to be fairly well maintained and prime stock usually brings the maximum price. Lily of the valley is plentiful and moves well, and there is no dearth of longiflorums. Carnations continue to move well, but they are feeling the effect of the large influx of autumn flowers. There is no trouble in disposing of the fancy varieties, but ordinary stock shows a tendency to drag a little. The political situation is undoubtedly affecting this market, as it is others. After election is over everybody expects a stronger market.

At R. Dreyer's sale at Woodside, L. I., Wednesday and Thursday of last week the attendance was good. There was considerable difference in the prices brought at the two sessions. *Ficus elastica*, branching, brought a very low price the first day, but on the second it rather overtopped the market. Other plants shared the ups and downs, but on the whole the sale was considered a satisfactory one. The greenhouses and material brought rather low prices, but the bidding was spirited, particularly in the case

of one greenhouse, which seemed to meet the requirements of two or three Flat-bush bidders.

Ford Brothers have a little rush on when their afternoon shipments of violets come in. Since Monday the quality of the stock has been running very fine.

Wednesday was a real chrysanthemum day at Wm. Ghormley's. He had a particularly fine display of yellows, the Appletons in the ascendancy.

Benjamin Dorrance, of Dorranceton, Pa., is sending in some very fine Killarney roses and they sell well.

Walter F. Sheridan has been receiving early shipments of Mrs. Childs chrysanthemums.

James McManus filled some nice Chicago orders for cattleyas this week.

Chicago.

"Horse is king" here this week and with him have come the Vanderbilts and numerous other distinguished visitors, many of whom have been entertained by Chicago folk. This resulted in some good decorative orders

for many retailers, the demand, however, being mainly for cattleyas. Cold weather has at last set in and as a result all lines of stock has shown a vast improvement over recent arrivals. Chrysanthemums now seem to be lined up in full force and with only a half hearted demand, consequently prices are much unsettled. Carnations are likewise appearing in abundance. However, outside of fancies, no great quantities are moved at prices much above the dollar mark. Roses, especially American Beauty and Liberty are holding their own although the large surplus of chrysanthemums has a tendency to depress prices generally. The flower shows soon due and especially the large affair at St. Louis will no doubt take a considerable lump of stock out of the market. This, with the fact that presidential election will soon be history should tend to improve conditions to a very large extent.

The executive committee of the Horticultural Society of Chicago held an important meeting Thursday afternoon, October 27, at 227 Michigan avenue. The most important feature of the meeting was the appointment of George Asmus, the well known retailer in charge of "Schiller, the Florist," establishment, as superintendent of the fall exhibition. The right man in the right place and it is a foregone conclusion that under his able management the show will be one of the most successful ever held in Chicago. His address is 895 West Madison street. President E. G. Uihlein was in the chair and fourteen members present. The poster was reported ordered and due for delivery November 3. Reports were made by nearly all the committees indicating good progress. F. F. Benthey, on behalf of the retail exhibitors, reported in favor of increasing the premiums in classes in which the retailers were interested, and after consideration \$200 over the preliminary list prizes was added, baskets of orchids, roses, carnations and corsage bouquets being provided for in addition to the \$150 appropriated for table designs at the last meeting. Leonard Kill, for the committee on souvenir flowers, reported that the same would be forthcoming in liberal quantities. E. F. Winterson, of the committee on decorations, reported that a quantity of decorative material had been obtained for the show. The finance committee reported \$600 for special premiums already subscribed. Secretary Kanst reported active work in correspondence with the members and a good demand for premium lists and entry blanks. He expects a good show, noticeable enthusiasm existing among all interested. C. J. Strombach, of the park committee, reported three or four fine specimens as candidates for the show from Superintendent Warder of Lincoln park.

Election at the Florists' Club, Thursday night resulted in the election of the complete roster nominated September 29 as follows: W. N. Rudd, president; J. P. Risch, vice-president; Robert Johnstone, secretary; Edgar Sanders, treasurer; George Asmus, financial secretary; F. F. Benthey, W. L. Palinsky, M. Barker, H. B. Howard and Leonard Kill, trustees. At the close of the meeting in which details connected with the coming flower show were discussed, the members adjourned to the Bismark restaurant for a luncheon in honor of the victorious bowling team whose trophies were displayed at the meeting by captain George Asmus and for the further purpose of giving the newly elected officers an opportunity to air their oratory.

This has been an unusual year for the park workers, severe frost coming later this season than any other year on record at the south parks, says Ed. Kanst. Tree planting has been delayed on account of the trees holding their leaves so long. The work of handling trees and shrubbery is fully two weeks late. Bulb planting is progressing actively and the new parks on the south side demand a good deal of attention this month.

P. J. Hauswirth, at the Auditorium, has been a busy man this week with decorations and good sales of cut chrysanthemums and violets every day and evening owing to the horse show crowds. This and the demand for World's Fair show entry blanks makes him a busy man. Phil Hauswirth III, could hardly recognize his grandfather in recent portraits published in the daily papers.

Frank R. Pierson spent three days in the city visiting the florists and nurserymen nearby. Mr. Pierson will exhibit his new fern, *Nephrolepis Piersoni* elegantissima at the St. Louis exhibition.

Gardenias have appeared in this market the past week and retailers say they move at good prices, the demand coming mainly from easterners who are here attending the horse show.

Robert Johnstone in charge of the World's Fair Flower Show Association programme, reports thirteen trade advertisements for the book secured in one day in Chicago.

E. E. Peiser, of Kennicott Brothers Company, reports that the week has been one of the most fickle of the season. One day excellent, the next mediocre.

C. W. Scott, at Vaughan's, has returned from extended trips in the bouquet green districts.

Among the most notable decorations of the week was that at the Auditorium hotel, which was executed by Phil Hauswirth.

All Souls' day, November 1, and All Saints' day, November 2, are creating a heavy call from New Orleans and the south.

Weiland & Risch now have one of the best lighted stores on the market, arc lights having been installed.

Fleishman is getting his share of the horse show business and is an advertiser in its programme.

Albert Fuchs will return to this city this week, after an extended sojourn in Europe.

O. P. Bassett and family occupied a box at the horse show Thursday night.

E. F. Winterson Company is handling high grade wild smilax in quantity.

Burt Budlong has just returned from automobiling in Wisconsin.

George Wienhoeber has been on the sick list for a week.

Mrs. H. F. Halle has been seriously ill.

Visitors this week were: President Philip Breitmeyer, Detroit; G. Heinrich, Crete, Ill.; F. R. Pierson, Tarrytown, N. Y.

Philadelphia.

With the exception of a wedding here and there business is quiet, and there does not seem much prospect of a change until after the election. Chrysanthemums now hold the boards and are to be seen in all their more or less shaggy magnificence. Harris's yellow, Florence Harris, is one of the best. Its shaded yellow flower, supported on a particularly stiff stem is seen in every collection. Colonel Appleton is also coming in very fine. It is hard to beat. Polly Rose's career is drawing to a close. That had a good

sale and is clearly the best early white for this neighborhood. John Sheehan has a fine early white, a cross between Robinson and Polly Rose. It is a large, shaggy white flower about twice the size of Polly Rose and comes in at the same time. Cosmos has taken a fresh hold. American Beauty are now fine, having gotten over their early mildew and really showing winter form. Bride and Bridesmaid are much improved, but these also feel the competition of the chrysanthemum. Liberty is now the only red rose, Meteor being almost out of it. There will be some grand stock of Liberty variety seen the coming season.

Palm growers say there is a lull just now as most of the out of town shipping is done while the business in the stores is not up to the local demand of a year ago. Kentias are most in demand, the arecas seeming to lose steadily in popularity. George Craig says: "I don't want any more arecas. The kentias suit my customers so much better," and this is the general expression of the store men.

The windows of the stores are now gay with large vases of chrysanthemums. Pennock Brothers had a basket of yellow pompons, and several vases of choice large chrysanthemums on either side of a large brass box filled with cattleyas and *Adiantum Farleyense*.

Robert Craig & Son say they have sold the last of their large block of Pierson ferns. Their stock of cyclamens is now coming nicely into flower. A house of gardenias well set with buds looks as if a fine crop will be cut between now and the holidays.

The Philadelphia Cut Flower Company says business is much better than last year at this time, which shows that the firm is growing. A fine lot of Enchantress and other choice carnations were their leaders last week.

Charles Poryzees had his Fifteenth street store window banked with choice chrysanthemums and autumn leaves, with orchids in the outside case. His Chestnut street store was also gay with the same.

At the market there is considerable activity as almost anything in season is to be found here if one is on hand early. Manager Meehan says the shipping trade is constantly increasing.

John Ziegenthaler has just completed the erection of six modern houses. His specialty is poinsettias, of which he has a stock of 30,000 plants, all in pots. They are in fine condition.

Berger Brothers are much pleased with this fall's trade. They have about doubled their list of consignors over last year and look forward to a prosperous season.

The chrysanthemum plant men are now getting busy. Mackie, Becker and Coles all have fine stocks, Coles having an especially fine lot.

H. H. Battles uses *Adiantum Farleyense* extensively, all his own growing. It is given a place on every projecting point in the store.

The Floral Exchange is shipping some fine Queen of Edgely to Bernheimer. This rose is certain to become a standard variety.

The Leo Niessen Company is receiving some grand chrysanthemums of the top grade.

H. H. Battles is a great lover of the cybotium and has a house of it at the farm.

Leucothoe sprays are now in stock, the first shipment coming in last week.

Boston.

The market has been just as restless as the stock market, showing marked ups and downs. The first of the week the supply of all kinds of flowers showed an increase and as a result the prices fell off noticeably. Beauty roses were selling at from \$15 to \$20 instead of \$15 to \$25, as they were the week previous. Fancy carnations dropped off \$1. Violets also showed the effect of the increased supply. Chrysanthemums are, of course, coming in more freely, and as a result the price has also dropped to from \$4 to \$6 instead of \$6 to \$8 for the ordinary varieties, but the prices have held well on the choicer kinds. After this slump in prices there was a reaction and an increased demand on Saturday last, and Monday of this week caused prices to show a marked rise, this being especially noticeable in the carnations, many of which brought up to \$4 per 100 at Monday's sales. Both flower markets report that everything was cleaned up on Monday morning. Chrysanthemums have not yet come in plentifully enough to hurt the sale of any of the other flowers, though if they increase in quantity the next week as rapidly as they have been the past it will surely cause another slump in prices.

The Boston Co-Operative Flower Growers' Association held its annual meeting on Saturday, October 22, at Young's hotel. About forty were present. The following is the list of officers elected: President, William C. Stickel, of North Cambridge; vice-president, William Nicholson, of Framingham; secretary and treasurer, George Cartwright, of Dedham, and directors, William W. Edgar of Waverly, John Walsh of Melrose Highlands, Lester W. Mann of Randolph, E. Sutermeister of Readville, Alexander Montgomery of Natick, and Elisha N. Peirce of Waverly, the last one of whom was elected by a unanimous complimentary vote.

Welch Brothers, of Province street, have had on exhibition the past week two seedlings of yellow chrysanthemums from S. J. Reuter of Westerly, R. I. They are of fair size and are of a rich yellow color, called Sinclair and Buckbee. They have also had on exhibition two seedling carnations from R. C. Pye, of Nyack, N. Y., one of them being of a brilliant scarlet hue, the other of a very rich pink. They are both exceptionally good keepers.

S. J. Reuter, of Westerly, R. I., has been sending in some very fine specimens of the Gen. MacArthur rose to Welch Brothers, of this city.

Joseph Tailby & Son, of Wellesley, brought in the first Paper White narcissus which has been seen in the market.

William Sim, of Cliftondale, has been bringing in a large quantity of good chrysanthemums the past week.

Harry A. Bunyard, the representative of Clucas & Boddington, was in town the past week. H. P. S.

Washington.

Trade is moving along in the even tenor of its way. There has been an advance in the prices of good stocks, but as there is a great amount of outdoor chrysanthemums, cosmos, etc., being dumped on the market at last chance prices, many of the buyers have lost sight, for the present, of quality and are going in for quantity. There is an abundance of roses. American Beauty could scarcely be better, while all the other standard varieties are well represented. There is an excellent showing of carnations for the season. Enchantress, Lawson, Queen Louise, Crane and many other sorts are on sale and the quality is generally good. There is an improvement in the quality of chrysanthemums, as the growers are now cutting on their better varieties, and good blooms of Col. Appleton and several of the whites and pinks are now in the stores. Another week will put the "Queen of Autumn" at the head of the procession.

The chrysanthemum show at the United States propagating gardens opened October 24. As a grouping of a large number of fine commercial varieties it deserves attention, as well as for the excellence of the blooms. It requires a good memory to keep track of all the sorts, new and old, that are now in the hands of the growers throughout the country, but Mr. Brown has a great collection, and I can but briefly mention a few that most favorably impressed me: Amorita, a pink that seems faultless in flowers and foliage; Lieut. Col. Duerviset, yellow; Adele, pink; Ethel Fitzroy, old gold; W. Q. Gresham, white; Dazzler, red with bronze center; Lord Alverstone, maroon and bronze. In addition to these there was a large number of the old sorts that are more familiar, and all were good commercial blooms. Among the most notable of these were Mlle. Marie Liger, Lou Dillon, Edgar Sanders, Honesty, Mrs. Robinson and Robert Halliday. O. P. Bassett is a very pretty curled yellow. The department has just finished the planting of 80,000 bulbs for spring bloom in the parks and is now planting 40,000 pansies. They have quite a stock of pink and white Lawson carnations that are blooming well.

The Department of Agriculture, on account of the building operations that have been in progress all summer, is not so well prepared for a show as last season, but they have some fine chrysanthemums. Among the most notable are, Mrs. J. C. Perrould, straw color; O. P. Bassett; Edith Smith, cream white; Golden Harvest, old gold, and Duchess of Sutherland, yellow. The new houses recently constructed for this department by Lord & Burnham seem to be all that could be wished for. Quite a stock of carnations is being grown. Enchantress, Lawson, Nelson Fisher, Flamingo and other good varieties noted.

Z. D. Blackstone has completely refitted his store, and it is now a "beautiful store," so says one of his business rivals, and I agree with him. In addition to new mirrors he has a fine collection of vases of unique pattern, animals and birds. In the show window an owl looks out from a hollow tree, constructed of cork bark. An electric wire is connected in some way so as to light up the owl's eyes about every thirty seconds. This has been a great attraction for the youngsters and is amusing to even the graybeards.

Mr. and Mrs. Peter Fisher spent a few days of last week in this city. It is to be regretted that they could not make a longer visit. We have with us scientists and biologists good and plenty, yet more do we esteem the work of the carnation wizard of New England.

Hammer & Sons have recently put in a new boiler at the Esch greenhouses. They are making great improvements on the place and have a good stock of chrysanthemums and other flowers.

S. E.

STOUGHTON, WIS.—A. E. Gilley is erecting a greenhouse, 26x70 feet.

St. Louis.

The market the past week was fairly good. Everything was cleaned up at the commission houses on account of the funerals of three detectives who were shot by train robbers whom they went to arrest at their room on Price street. American Beauties are not so plentiful. Violets are improving, owing to cool nights. Violets are arriving from outside as well as inside. They are selling at 40 cents and 50 cents per hundred. Carnations are improving both in length of stem and size of flower. Roses are also improving, although the bulk of stock could be of better average quality. Chrysanthemums are coming in more plentiful. White and yellow are the colors.

Two meetings were held at Frank Ellis' store to further the plans for the flower show to be held early in November at World's Fair. J. C. Vaughan, Phil Hauswirth and Elmer Smith, of Adrian, Mich., came down from Chicago and paid a flying visit. Subscriptions were announced and guaranteed to secure liberal prizes. The St. Louis Florists' Club pledged \$710. The St. Louis committee consists of J. J. Beneke, Frank M. Ellis and F. Meinhardt.

J. J. Beneke, who for the past twenty-nine years has had his store on Olive street, has sold his lease to advantage and vacates December 1. The building is to be torn down and a new one erected. Julius expects to take a rest when he will again start in some other location.

C. A. Kuehn reports in the last few days everything cleaned up on account of funerals.

H. G. Berning has returned from his vacation looking strong and ready for work.

Frank M. Ellis reports trade good. Violets are in good demand.

Visitors: E. S. Easterday, Nakomis, Ill.; W. J. Gullett, Lincoln, Ill.; A. C. Canfield and wife, Springfield, Ill.; J. C. Vaughan, Chicago, Ill.; L. Rike & Son, Leroy, Ill., on their way home from southern Kansas. W. F.

Detroit.

The new Michigan Cut Flower Exchange building was opened on Thursday, October 27, with elaborate ceremony, in the presence of numerous local growers and dealers and visiting members of the craft. Everyone showered congratulations on the new home of the exchange. There were exhibits by the Chicago Carnation Company and the J. D. Thompson Carnation Company of Joliet, Ill., the latter showing the fine new carnation, Robert Craig; J. M. Dixon, Northville, Mich.; E. Dungey & Son; George Brown, Greenfield, Mich.; J. M. Gasser, Cleveland; Minneapolis Floral Company, which showed its new pink rose. Most of the local and Mt. Clemens growers were also represented. Among the visitors at the opening were George Heintz, Toledo, O.; Eli Cross, Grand Rapids, Mich.; E. Dungey, Rochester, Mich.; James Hartshorne, Joliet, Ill.; Elmer D. Smith, Adrian, Mich., and Robert Greenlaw, Boston.

WHITMAN, MASS.—Robert Moir has completed plans for a large greenhouse that he is to erect upon land that he has recently purchased near Floral avenue.

EAST HAMPTON, MASS.—James Morrison is adding two new houses and enlarging his storeroom at his place on School street.

THE AMERICAN FLORIST

TWENTIETH YEAR.

Subscription, \$1.00 a year. To Europe, \$2.00.
Subscriptions accepted only from those
in the trade.

Advertisements, on all except cover pages,
10 Cents a Line, Agate; \$1.00 per inch.
Cash with Order.

No Special Position Guaranteed.

Discounts are allowed only on consecutive inser-
tions, as follows—6 times, 5 per cent; 13 times,
10 per cent; 26 times, 20 per cent;
52 times, 30 per cent.

Space on front pages and back cover page sold
only on yearly contract at \$1.00 per inch, net.

The Advertising Department of the AMERICAN
FLORIST is for florists, seedsmen and nurserymen
and dealers in wares pertaining to those lines only.

Orders for less than one-half inch space not accepted.

Advertisements must reach us by Wednesday to
secure insertion in the issue for the following
Saturday. Address

AMERICAN FLORIST CO., Chicago.

When sending us change of address, always send
the old address at the same time.

A NEW publication on similar lines to
Country Life is proposed.

ANEMONE JAPONICA PRINCE HENRY,
with large and quite double flowers of
deep pink colors appears to be a fine variety.

CANNA roots have ripened remarkably
this year; the long season permitted
them to ripen naturally and the fibrous
roots stopped growing; they should
winter well.

In sending in a change of address it is
important that the old address be given
as well as the new. This will greatly aid
us in locating your name on our mailing
list and prevent delay in making the
desired change.

Keeping Bulbs in Cold Storage.

ED. AM. FLORIST:—As Easter comes so
late next year it will be hard to hit the
date with Romans, tulips and other
bulbs. Can these bulbs be successfully
held in cold storage in an ordinary ice-
house? We can't get regular cold stor-
age facilities in this town. Would any
special packing of the bulbs be necessary
in an icehouse? M.

[We would like to have the opinion and
experience of our readers in answer to
this query.—ED.]

Araucaria Imbricata.

ED. AM. FLORIST:—In regard to the
question of "Inquisitive" regarding
Araucaria imbricata, I failed to see any
answer by any grower or gardener
from California. All the araucarias
are at home in this state and per-
fectly hardy. Araucaria imbricata can
be seen here in many places and parks up
to thirty-five feet in height, also A.
excelsa. A specimen of A. Bidwillii which
I have in grounds under my management
here is about forty feet high and of perfect
pyramidal form, the branches falling
gracefully on the lawn. A. imbricata and
A. Bidwillii form big cones generally close
to the tip of the trees. A few seed cones
of A. Bidwillii which I picked up for
several seasons weighed from eight to
ten pounds. They are about six inches
in diameter by nine inches long, but the
seed contained in them was always
barren and never germinated. One other
araucaria which can be seen occasion-
ally is A. Braziliiana, of bluish, glaucous
color, but its habit is more straggling
and the tree in all respects less desirable
than many of those mentioned.

Fruitvale, Cal. EUGENE BURGLEY.

Construction of a Furnace.

ED. AM. FLORIST:—Would you please
give me some advice on building a fur-
nace. I am still heating with a flue made
of 10 inch sewer pipe. I have been mak-
ing top of furnace on level with the flue,
but should like to know whether it would
be better to make it with a dome. I am
using soft coal and slack for fuel. N.

Everything depends upon the slope
that can be given the flues, as the plan of
building a dome is desirable if sufficient
incline can still be given the flue. The
flue should start above the top of the
furnace to get the best results.

L. R. T.

Asters Falling to Bloom.

ED. AM. FLORIST:—I notice in the Octo-
ber 15 issue that "G. C. H." asks a
question in regard to the non-blooming
of asters, that I and doubtless many
others would be glad to see answered
more fully by some grower of asters who
has successfully combatted this trouble.
As stated by "G. C. H." the plants grew
sturdily until time to bloom, but the
flower-buds did not open as they should
have done, showing merely an ugly pale-
green mass. The early asters (Queen of
the Market) were troubled but little;
Daybreak scarcely any; Comet badly
diseased and in Purity, Japanese and
another variety there were few plants
not affected. I examined the roots
of several plants and found a num-
ber of small, white bugs clinging to
the principal roots, but some of the
plants examined produced fine blooms
with no sign of disease. All varieties
were planted in sterilized soil March 1
to 15. Outside they had a good all-
round soil, rich and rather heavy. I
have never had this trouble before, but
as I never grew asters extensively would
like to hear some advice from someone
initiated. F. M. A.

Society of American Florists.

DEPARTMENT OF PLANT REGISTRATION.

Alexander Montgomery, Natick, Mass.,
submits for registration new rose Welles-
ley. Color, deep pink; reverse of petals,
clear silvery pink; vigorous growth.

James Vick's Sons, Rochester, N. Y.,
submit for registration Aster Mikado
(Branching Comet Quilled × Vick's
Branching). Center stalk 18 to 24 inches
high; branches nine to twelve in num-
ber, 12 to 18 inches long. Terminal
flowers, one to each branch, 3 to 6 inches
in diameter; lateral flowers few; unim-
portant. Outer florets, 1½ to 3 inches
long, 1 to 1½ lines wide; flat, recurving,
some slightly twisted. Inner florets
tubular, much twisted and curled, irreg-
ularly cleft, forked and expanded at tips;
colors various. Florets at first nearly
white, shading to color near base, grad-
ually assuming a solid color in a few
days, and then present the appearance
of a large, ragged Japanese chrysanthem-
um. WM. J. STEWART, Sec'y.

American Carnation Society.

REGISTRATION COMMITTEE.

By H. Weber & Sons, Oakland, Md.—
My Maryland, a new white, a strong,
large flowered variety. Good constitu-
tion and general habits, an early bloomer,
very fragrant, a fine keeper and shipper
and with good, long stems.

By L. E. Marquisee, Syracuse, N. Y.—
White Enchantress, a white sport from
Enchantress, a perfectly pure white, hav-

ing same general form as Enchantress,
but far more fragrant.

By F. R. Thornton, Streator, Ill.—
Melody, sport from Lawson, identical
with its parent in every respect except-
ing in color, which is a pleasing shade of
light pink similar to but better than
Enchantress; has shown no tendency to
revert back to the Lawson type in color.

By Guttman & Weber, New York City.
—Victory, a red seedling of exceptional
promise. ALBERT M. HERR, Sec'y.

Chrysanthemum Society of America.

President Herrington has announced
the committees to examine seedlings and
sports on dates as follows: October
29; November 5, 12, 19 and 26, 1904.

Exhibits to receive attention from the
committees must in all cases be prepaid
to destination, and the entry fee of \$2
should be forwarded to the secretary not
later than Tuesday of the week preceding
examination.

New York—Eugene Dailedouze, chair-
man, care of New York Cut Flower Com-
pany, Sixth avenue and Twenty-sixth
street. C. H. Totty, Wm. Plumb.

Philadelphia, Pa.—A. B. Cartledge,
chairman, 1514 Chestnut street; John
Westcott, Wm. K. Harris.

Boston, Mass.—E. A. Wood, chairman;
Wm. Nicholson, James Wheeler. Ship to
Boston Flower Market, care John Walsh.

Cincinnati, O.—R. Witterstaetter, chair-
man; James Allen, Wm. Jackson. Ship to
Jabez Elliott Flower Market, care jan-
itor.

Chicago—James S. Wilson, chairman;
Edwin Kanst; P. J. Hauswirth. Ship
care of J. B. Deamud, 51 Wabash avenue.

The executive committee has decided to
use the new scales prepared by the com-
mittee appointed for this purpose at the
convention in New York. These scales
are to come up for discussion and final
adoption at the convention in Boston
November 3, 1904. The use of the scales
by the committees previous to that time
will give them a try-out and help to dis-
cover faults if any are to be found. The
scales are as follows:

| COMMERCIAL. | | EXHIBITION. | |
|----------------|-----|---------------|-----|
| Color..... | 20 | Color..... | 10 |
| Form..... | 15 | Stem..... | 5 |
| Fullness..... | 10 | Foliage..... | 5 |
| Stem..... | 15 | Fullness..... | 15 |
| Foliage..... | 15 | Form..... | 15 |
| Substance..... | 15 | Depth..... | 15 |
| Size..... | 10 | Size..... | 35 |
| Total..... | 100 | Total..... | 100 |

WORK OF COMMITTEES.

Pink Queen, exhibited by Nathan Smith
& Son, Adrian, Mich., at Cincinnati, O.
color pink; Japanese incurved; scored,
commercial scale, 89 points. A seedling,
exhibited by James Carstairs, New
Rochelle, N. Y., at New York; color,
French white; Japanese reflex; scored,
commercial scale, 64 points.

Roi d'Italia, exhibited by the E. G. Hill
Company, Richmond, Ind., before the
Chicago committee; color, yellow; scored,
commercial scale, 89 points.

No. 10, exhibited by Nathan Smith &
Son, Adrian, Mich., before the Chicago
committee; scored 72 points, commercial
scale.

There will be an important business
meeting of the society at Horticultural
hall, Boston, Friday afternoon, Novem-
ber 4, to take up the matter of the re-
vision of the constitution and the new
scales. Entries should be addressed to
William Nicholson, Framingham, Mass.

The Chicago seedling committee, com-
posed of J. S. Wilson, chairman, Edwin

Kanst and Philip Hauswirth, will examine seedlings for certificates at St. Louis during the World's Fair flower show.

FRED H. LEMON, Sec'y.

The New Chrysanthemum Scale.

ED. AM. FLORIST:—How trite and to the point are the remarks of the Bard of Mount Greenwood! And how this same bard does love a scrap!

Quoting from Mr. Rudd's article: "Suppose, as several of us old fogies devoutly wish, the new scale is turned down by the society." Why do "we" so devoutly wish that the new scales may be turned down by the society? Is it in order that better scales may be adopted? Or is it merely that "we" may rebuke the committee and officers of the C. S. A. for giving the new scales a chance to be tested before final adoption?

As an answer kindly let me compare Mr. Rudd's remarks in the latter part of his article with the new commercial scale, which he completely ignores. "In all cut flowers, color is and always will be the preeminent attribute (color 20); after color will come stem (stem 15), and foliage (foliage 15); then form (form 15), and size (size 10)." Ten of the remaining twenty-five points are given to fullness, which seems to meet the approval of Mr. Rudd (his article is not quite clear on this point). The remaining fifteen points are given to "substance," that attribute of a commercial flower which assures us that it will stand the hard knocks of the commission house without being refined.

Again: "Color is and always will be the preeminent attribute." What color? Speaking from the standpoint of the beautiful and attractive in an exhibition hall, which one of the immense range of tints and shades of violet, lavender, pale yellow, golden bronze, chocolate color, deep crimson, etc., should be barred? Are not these the very things which make the exhibition attractive to the general public?

The vials of the writer's wrath seem to be poured out on the exhibition scale as proposed by the committee. This scale is expected to cover the very kinds that Mr. Rudd condemns and that the people pay their money to see in an exhibition hall. Of course the fine commercial chrysanthemum with its beautiful foliage and strong stem will remain the foundation of all chrysanthemum shows, as it is the staple of all chrysanthemum business, whether the committees use one scale or another, and they will always use the commercial in judging such sorts. The new commercial scale describes this chrysanthemum better than it has ever been described before. And after all is said and done, the scale is merely the instrument and not the power which grants a certificate.

It is a desirable monument to the C. S. A. that its committee refused a certificate to well grown blooms of W. R. Church? And that perfectly finished blooms of Ethel Fitzroy, measuring twenty-two inches around and showing a beautiful combination of red and gold coloring, should have barely received the points necessary to obtain a certificate? Could Mme. Carnot or Mrs. Mease obtain a certificate if judged by the old scales? It is hardly possible.

These facts are not in any sense a reflection on the ability of the C. S. A. committees, which are always composed of the most capable men in the business, but they are a condemnation of the scales.

Lord Salisbury, Mrs. E. Thirkell, F. S. Vallis and many others are varieties not

covered by the old scales, yet these are the grandest chrysanthemums ever produced for exhibition purposes, and the statement that they have no place outside of a freak collection is, to say the least, an extremely narrow view of the situation.

As to the "wired toothpick style of architecture," if this means supporting twenty-four inch blooms of chrysanthemums of any color on chrysanthemum stems covered with a wealth of foliage, with no attempt at deception, but with the single aim of adding beauty and undoubted interest to the exhibition, kindly put me down among the "backers of this latter-day revolutionary heresy."

Every exhibitor certainly has a right to demand that his variety be judged by the old scales, but fifty per cent of the exhibitors whose varieties won certificates last year (representing eighty per cent of all certificates granted), have declared themselves in favor of the new scales.

It is rather funny to read at the last of Mr. Rudd's article that "a reasonable number of exhibits on artificial supports may add variety and interest to our shows," and then he suggests an exhibition scale, three points more "reactionary" than the one proposed by the committee. Was it all intended as a joke?

FRED H. LEMON.

SITUATIONS, WANTS, FOR SALE.

One Cent Per Word.

Cash with the Adv.

Plant Ads. NOT admitted under this head.

Every paid subscriber to the AMERICAN FLORIST for the year 1904 is entitled to a five-line WANT ADV. (situations only) free, to be used at any time during the year.

Situation Wanted—As working foreman; 28 years' experience. Best of references. Address Box 52, care American Florist.

Situation Wanted—By a practical grower of roses, carnations and general bedding plants. References exchanged; 10 years' experience. Box 53, care American Florist.

Situation Wanted—By German, long and well experienced; carnation grower, or for any other work requiring good, steady man. Address Box 54, care American Florist.

Situation Wanted—By Hollander, single, age 28, all-around florist; capable of taking charge of small commercial place. State wages. Address Box 57, care American Florist.

Situation Wanted—By German, age 30, single, good grower of cut flowers; want a position with good party; northwest preferred. Good references. Address Box 56, care American Florist.

Situation Wanted—As vegetable gardener, by a single German of 32, competent to take charge in vegetables. Kindly state particulars in first letter. At liberty after Nov. 15. Address JOHN X. SCHAEFER, Elmira, Mich.

Situation Wanted—By a practical florist; good grower of cut flowers, carnations, roses and general pot plants; good propagator; able to take charge; also good designer; strictly sober. Address Box 62, care American Florist.

Situation Wanted—As working foreman, German, single, sober; 19 years' experience in cut flowers, pot plants, making-up and landscaping. Please state wages. Good references. Will go anywhere. Address Box 59, care American Florist.

Situation Wanted—By an all-around florist and gardener. 27 years of age, Swede, life experience in Europe and this country. Capable of taking charge, private or commercial place. First-class references. Please state wages. Box 61, care American Florist.

Situation Wanted—As foreman or head, by an experienced landscape, floral and all-around gardener (at present with the World's Fair); life experience in the trade, in Sweden, Germany, England and United States. Capable of taking entire charge. Private or commercial. Address A P 31, 3811a Folsom Ave., St. Louis, Mo.

Situation Wanted—By young man, in up-to-date retail place, with opportunity to assist in designing and decorating; 4½ years' experience, commercial and retail; good worker, habits and character. Or good commercial offer will be considered. Address 158 Lawrence St., Cleveland, O.

Situation Wanted—As manager or foreman, by an up-to-date, all-around expert florist; fine in designing beds; good grower of all kinds of cut flowers; also tropical culture. Fine decorator, inside and out. 18 years' experience. Would like to make a change by Dec. 1 or Jan. 1. Only up-to-date places need apply. Wages not less than \$100 per month—if not satisfactory, no pay. Private or commercial. All references. Address Box 60, care American Florist.

Help Wanted—A good carnation grower, to take charge of 16 000 feet of glass. Address CHAS. HOFFMAN, De Haven, Pa.

Help Wanted—Young men who have had experience in growing roses and carnations. W. K. PARTRIDGE, Station R, Cincinnati, O.

Help Wanted—Competent man for general greenhouse work. State wages expected and give references. J. A. BISSINGER, Lansing, Mich.

Help Wanted—\$20.00 to \$50.00 per week. See 3¼-inch adv. in another column. Address SPAULDING NURSERY AND ORCHARDS CO., Spaulding Ill.

Help Wanted—A willing worker for general greenhouse work, cut flowers and plants. Must not be afraid of work. State lowest wages. Address GELVEN & SON, Sedalia, Mo.

Help Wanted—A good, reliable young man; must be a good salesman and up-to-date in the floral work, for first-class retail store in Chicago. State references from last place. Address Box 58, care American Florist.

Help Wanted—A man for general greenhouse work, to grow carnations, chrysanthemums, spring bedding plants and Easter forcing bulbs. Must come at once, and be sober and industrious. Address DANIEL E. GORMAN, 829 High St., Williamsport, Pa.

Help Wanted—Thoroughly competent and experienced propagator, principally on roses and carnations. Must be capable of showing good results. State experience, where last employed and wages wanted. Address LAKE VIEW ROSE GARDENS, Jamestown, N. Y.

Help Wanted—Two first-class florists, one to take charge of palms, ferns, bedding and store plants; one to take charge of bulbs, forcing lilies and also know something about tea roses. Experienced helpers furnished. Address with salary in first letter, as parties are wanted at once. HONAKER THE FLORIST, Lexington, Ky.

For Sale—First-class florist store, center of large city. Address Box 29, care American Florist.

For Sale—Horizontal tubular hot water boiler in first-class condition; 9 ft. 6 ins. long; 36 inches in diameter; nearly new Deane steam pump. J. W. DUNFORD, Clayton, Mo.

For Sale—14 section modern Lord & Burnham hot-water boiler, 5,000 feet 2-inch pipe, 100 feet 12-inch pipe. The whole of above is a complete heating system used three years. Address Box 12, care American Florist.

For Sale or Rent—Owing to death of proprietor, will sell or rent well established greenhouse property in thriving southern city. No competition. For particulars, address R. A. SCHNEIDER, 2962 Wabash Ave., Chicago.

For Sale or Lease—A first-class paying florist business; houses stocked with roses, carnations, decorative plants, etc. Offered only because the owner wishes to retire from business. Will bear close investigation. GEORGE T. EARLE, The City Greenhouses, Central Falls, R. I.

For Sale—Greenhouse property; established 27 years. 14 room, 2½ story almost new dwelling house with tower, all improvements, gas light. 1½ acre good land, fruit and shade trees; 5 greenhouses, well stocked, hot-water heat. Center of City of Melrose, 7 miles to Boston; electric cars pass door, 5c fare. Wholesale and retail business. J. GEIST, 84 Grove St., Melrose, Mass.

FOR SALE.

Five greenhouses; 10,000 feet of glass; three acres of ground. All stocked, in good running order. Within 6 miles of Philadelphia. To be sold on account of death of owner. Apply to

FIDELITY REALTY CO., 619 Walnut Street, Philadelphia, Pa.

Wietor Brothers, 51 Wabash Avenue, CHICAGO.

WHOLESALE CUT FLOWERS.

—CURRENT PRICES. SUBJECT TO CHANGE.—

| AMERICAN BEAUTY. | | Per doz. | ROSES. | | Per 100 |
|----------------------|---------------------------|----------|----------------------------|--|------------------|
| 30-36-inch stem..... | | \$3.00 | Bride and Maid..... | | \$2.00 to \$6.00 |
| 24-inch stem..... | | 2.00 | Meteor and Gate..... | | 2.00 to 6.00 |
| 20-inch stem..... | | 1.50 | Liberty..... | | 3.00 to 6.00 |
| 16-inch stem..... | | 1.25 | Kaiserin..... | | 3.00 to 6.00 |
| 12-inch stem..... | | 1.00 | CARNATIONS—Good stock..... | | 1.00 to 1.50 |
| Short Stem..... | per 100, \$3.00 to \$4.00 | | Large and fancy..... | | 2.00 to 3.00 |

CHRYSTANTHEMUMS, ALL COLORS, \$1.00 to \$3.00 PER DOZEN.

Wholesale Flower Markets

| | |
|------------------------------|-------------|
| MILWAUKEE, Oct. 27. | |
| Roses, Beauty, long per doz. | 3.00 |
| " " med. | 1.50@ 2.00 |
| " " short..... | 4.00@ 8.00 |
| " Liberty..... | 2.00@ 8.00 |
| " Chateaux..... | 2.00@ 6.00 |
| " Bride, Bridesmaids..... | 2.00@ 5.00 |
| " Meteor, Golden Gate..... | 2.00@ 5.00 |
| " Perle..... | 2.00@ 5.00 |
| Carnations..... | 1.00@ 3.00 |
| Smilax..... | 10.00@12.50 |
| Asparagus..... | 35.00@50.00 |
| Valley..... | 3.00@ 4.00 |
| Harrisli..... | 12.50 |
| Adiantum..... | 1.00 |
| Violets..... | .75@ 1.00 |
| Mums..... | 1.50@ 3.00 |

| | |
|------------------------------|-------------|
| PITTSBURG Oct. 27. | |
| Roses, Beauty, specials..... | 15.00@20.00 |
| " " extras..... | 10.00@12.00 |
| " " No. 1..... | 6.00@ 8.00 |
| " " ordinary..... | 4.00@ 5.00 |
| " Bride, Bridesmaid..... | 2.00@ 6.00 |
| " Meteor..... | 2.00@ 6.00 |
| " Liberties..... | 3.00@ 6.00 |
| " Kaiserin..... | 2.00@ 8.00 |
| " Perle, Chateaux..... | 2.00@ 5.00 |
| Carnations..... | 1.00@ 3.00 |
| Lily of the valley..... | 3.00@ 4.00 |
| Smilax..... | 12.50@15.00 |
| Asparagus, strings..... | 25.00@50.00 |
| Asparagus Sprenger..... | 1.00@ 2.00 |
| Lilies..... | 8.00@15.00 |
| Chrysanthemums..... | 4.00@25.00 |
| Adiantum..... | 1.00@ 1.25 |
| Violets..... | .50@ 1.00 |
| Paper White Narcissus..... | 3.00@ 1.00 |

| | |
|------------------------------------|----------------|
| CINCINNATI, Oct. 27. | |
| Roses, Beauty, 1.00@ 3.00 per doz. | |
| " " Bride, Bridesmaid..... | 2.00@ 5.00 |
| " " Liberty..... | 3.00@ 6.00 |
| " " Meteor, Golden Gate..... | 3.00@ 6.00 |
| Carnations..... | 1.00@ 2.00 |
| Lily of the valley..... | 3.00@ 4.00 |
| Asparagus..... | 50.00 |
| Smilax..... | 10.00@12.50 |
| Adiantum..... | 1.00@ 1.50 |
| Harrisli..... | 12.50 |
| Asparagus Plumosus and Sprenger | |
| in bunches..... | .25c per bunch |
| Chrysanthemums..... | 10.00@15.00 |

| | |
|-------------------------------|-------------|
| St. Louis, Oct. 27. | |
| Roses, Beauty, long stem..... | 2.50@3.00 |
| " " Beauty, medium stem..... | 1.50@2.00 |
| " " Beauty, short stem..... | .75@1.00 |
| " " Bride, Bridesmaid..... | 4.00@ 6.00 |
| " " Golden Gate..... | 3.00@ 5.00 |
| " " Liberty..... | 4.00@ 8.00 |
| " " Kaiserin..... | 3.00@ 6.00 |
| " " Meteor..... | 3.00@ 6.00 |
| Carnations..... | 1.00@ 3.00 |
| Smilax..... | 12.50@15.00 |
| Asparagus Sprenger..... | 1.50@ 3.00 |
| " " Plumosus..... | 25.00@50.00 |
| Ferns, fancy, per 1000..... | \$1.50 |
| Adiantum..... | 1.00@ 1.25 |
| Cochet roses..... | 3.00@ 5.00 |
| Dahlia..... | 2.00@ 3.00 |
| Daisies..... | .50 |
| Chrysanthemums, medium..... | 8.00@12.00 |
| " " large..... | 15.00@25.00 |
| Violets..... | .50 |
| Lily of the valley..... | 4.00 |

| | |
|----------------------------|-------------|
| CLEVELAND, Oct. 27. | |
| Roses, Beauty..... | 5.00@25.00 |
| " " Bride, Bridesmaid..... | 2.00@ 5.00 |
| " " Kaiserin..... | 3.00@ 8.00 |
| " " Meteor..... | 2.00@ 5.00 |
| Carnations..... | 1.00@ 2.00 |
| Smilax..... | 10.00@15.00 |
| Asparagus, strings..... | 25.00@50.00 |
| " " Sprenger..... | 1.00@ 2.00 |
| Gladoli..... | 1.00@ 2.00 |
| Galax..... | 1.00@ 1.50 |
| Common ferns..... | 1.50 |
| Chrysanthemums..... | 6.00@15.00 |

PITTSBURG CUT FLOWER CO., LTD.

PITTSBURG'S LARGEST, BEST EQUIPPED AND OLDEST

Wholesale Cut Flower House

ESTABLISHED 1898.

AT 504 LIBERTY AVE.

HOLTON & HUNKEL CO.,

-- Wholesale Cut Flowers --

457 Milwaukee Street.

MILWAUKEE, WIS.

J. M. McCullough's Sons Co.

WHOLESALE FLORISTS

ALSO SUCCESSORS TO

THE CINCINNATI CUT FLOWER CO.

CONSIGNMENTS SOLICITED.

Special attention given to Shipping Orders.

316 WALNUT ST. CINCINNATI, O.

Please mention the American Florist when writing.

Pittsburg Florist Exchange

WHOLESALE FLORISTS.

228 Diamond St., Pittsburg, Pa.

CONSIGNMENTS SOLICITED.

Please mention the American Florist when writing.

H.G. BERNING

Wholesale Florist

1402 Pine St., ST. LOUIS, MO.

Please mention the American Florist when writing

C. A. KUEHN,

Wholesale Florist,

1122 Pine St., ST. LOUIS, MO.

A Complete Line of Wire Designs.

Please mention the American Florist when writing.

PETER WEILAND

Wholesale Florist,

Room 18, 128 E. Third Street,

CINCINNATI, O.,

and New Castle, Ind.

Orders Received at Either Place.

Headquarters for American Beauties and all leading varieties of Roses and Carnations.

Try Some New Castle Grown Stock.

—PRICE LIST.—

| AMERICAN BEAUTY. | | Dozen. |
|---------------------------------|--|-------------------|
| 36-inch..... | | \$3.00 |
| 24-inch..... | | 2.00 |
| 12-inch..... | | 1.00 |
| | | Per 100 |
| Short..... | | \$4.00 |
| Bride, Select..... | | 4.00 |
| Medium..... | | 3.00 |
| Short..... | | 2.00 |
| Bridesmaid, Select..... | | 4.00 |
| Medium..... | | 3.00 |
| Short..... | | 2.00 |
| Chateaux..... | | \$2.00 to \$4.00 |
| Sunrise, Uncle John, Perle..... | | \$2.00 to 3.00 |
| Carnations, all colors..... | | 1.50 to 2.50 |
| Smilax..... | | \$1.50 per dozen. |

Quality Our First Consideration.

Please mention the American Florist when writing.

J. B. MURDOCH & CO.

WHOLESALE FLORISTS,

FLORISTS' SUPPLIES.

545 Liberty Ave., PITTSBURG, PA.

Always mention the.....

American Florist

when you write to an advertiser.

WILD SMILAX NOW ON HAND.

\$6.00 per 50 pound Case.

J. B. DEAMUD,

Long Distance Central 3155.
Automatic 9922.

51 Wabash Ave., CHICAGO.

E. C. AMLING

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

32, 34, 36 RANDOLPH ST.,
CHICAGO.

L. D. 'Phones Central 1978 and 1977.

Bassett & Washburn

76 & 78 Wabash Ave., CHICAGO.

Wholesale Dealers and
Growers of **Cut Flowers**
GREENHOUSES: HINSDALE, ILL.

D. WOOD BRANT,

SUCCESSOR TO BRANT & NOE FLORAL CO.

—Grower of—

CUT FLOWERS AT WHOLESALE.

Now offer choicest American Beauty roses.
Prices reasonable.

Careful attention given shipping orders.

58-60 Wabash Ave., CHICAGO.

Poehlmann Bros. Co.

Wholesale Growers of

and
Dealers in **Cut Flowers**

All telegraph and telephone orders
given prompt attention.

35-37

Greenhouses: Randolph Street,
Morton Grove, Ill. CHICAGO.

SINNER BROS.

Wholesale Growers
and Shippers of **CUT FLOWERS**

58 WABASH AVENUE, CHICAGO, ILL.

With the Flower Telephone—
Growers' Co. Central 3037.
All telephone and telegraph orders
given prompt attention.

Always mention the.....

American Florist

when you write to an advertiser.

MICHAEL Winandy

Wholesale Grower
and shipper of **CUT FLOWERS**

Room 218, 51 Wabash Ave., Atlas Block, Chicago.
Telephone Central 3284.

LILY OF THE VALLEY

From cold storage, \$15.00 per 1000; case of
2,500, \$35.00; per 100, \$1.75.

FINEST CUT VALLEY IN QUANTITIES.

H. N. BRUNS,

1409-11 W. Madison St., CHICAGO.

Vaughan & Sperry,

58-60 Wabash Ave., CHICAGO.

WHOLESALE CUT FLOWERS

WRITE FOR SPECIAL PRICES.

Wholesale Flower Markets

CHICAGO, Oct. 28.

| | |
|------------------------------------------|--------------|
| Roses, Beauty, 30 to 38-in. stems | 2.50@ 3.50 |
| " " 20 to 24 " | 1.50@2.50 |
| " " 15 to 18 " | 1.00@ 1.50 |
| " " 12 " | .75@1.00 |
| " Liberty..... | 3.00@ 6.00 |
| " " extra select..... | 10.00@ 12.00 |
| " Chateaux..... | 4.00@ 8.00 |
| " Bride, Bridesmaid..... | 2.00@ 5.00 |
| " Meteor, Golden Gate..... | 2.00@ 5.00 |
| Carnations..... | 1.00@ 1.50 |
| " " fancy..... | 2.00@ 2.50 |
| Valley..... | 2.00@ 3.50 |
| Asparagus Plumosus, per string 40 to 50c | |
| " " sprays 2.00@6.00 | |
| " Sprenger..... | 3.00@ 6.00 |
| Leucothoe Sprays..... | .75 |
| Galax Leaves, Bronze, per 1000, | 1.25 |
| " Green, " " " | 1.00 |
| Adiantum..... | .75 |
| Fancy ferns...per 1000 | 1.00@ 1.50 |
| Smilax..... | 12.00@15.00 |
| Gladioli.... .35@ .50 per doz..... | |
| Tuberose..... .35@ .50 per doz. | |
| Chrysanthemums, \$1.50 @ \$4.00 per doz. | |

J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and
Carnations
A Specialty....

WHOLESALE
GROWER of

CUT FLOWERS

E. H. Hunt,

WHOLESALE

Cut Flowers

"THE OLD RELIABLE."

76 Wabash Ave., ...CHICAGO.

HEADQUARTERS FOR

"Superior Quality" Brand

WILD SMILAX

ALWAYS ON HAND.

25 lb. case.....\$3.00
50 lb. case..... 5.00

—NONE BETTER—

E. F. WINTERSON CO.,

45-47-49 Wabash Ave.,
CHICAGO.

GEO. REINBERG,

Wholesale
Grower of **Cut Flowers**

CHOICE AMERICAN BEAUTIES.

We will take care of your orders at reason-
able prices. Prompt attention.

51 Wabash Ave., CHICAGO, ILL.

A. L. RANDALL CO.

Wholesale Florists.

19 & 21 Randolph St., CHICAGO.

Send for weekly price list and
special quotations on 1000 lots.

WEILAND - AND - RISCH

CHICAGO'S RELIABLE
Wholesale Growers and Shippers of

CUT FLOWERS.

59 Wabash Ave., CHICAGO.

SEND FOR WEEKLY PRICE LIST.

WHOLESALE FLORISTS

URBANA, O.—The Reeser Floral Com-
pany was incorporated with a capital
stock of \$50,000, the incorporators being
Charles H. Hiser, E. N. Luffer, Paul A.
Staley, A. Winger and William H. Reeser.

THE BENTHEY-COATSWORTH CO.

35 RANDOLPH ST.

WHOLESALE FLORISTS

CHICAGO.

The Leo Niessen Company

WHOLESALE FLORISTS

1217 Arch Street,

Store open from 7 A.
M. to 8 P. M.

PHILADELPHIA, PA.

The Cleveland Cut Flower Company,

WHOLESALE CUT FLOWERS, FLORISTS' SUPPLIES, WIRE DESIGNS.

52 and 54 High Street,

CLEVELAND, OHIO.

BOSTON, MASS.

WELCH BROS.

15 Province Street.

All Varieties FLOWERS in Season. FANCY and DAGGER FERNS.
FLORISTS' SUPPLIES all kinds.

Long Distance Telephone, 6268-6267 Main.

N. F. McCARTHY & Co.,

84 HAWLEY STREET.
.... BOSTON.

HARDY CUT FERNS.

Write for Prices.



L. B. BRAGUE, Hinsdale, Mass.

Oldest, Largest and most reliable dealer in U. S.

Michigan Cut Flower Exchange,

WM. DILGER, Mgr.

Fancy Ferns, \$1.00 per 1000.
Dagger Ferns, 90c per 1000.

38-40 Miami Ave., DETROIT, MICH.

FOR SOUTHERN WILD SMILAX

(Where quality is First Consideration)

Write, Wire or Phone the Introducers,
Caldwell The Woodsman Co., Evergreen, Ala.New Crop Southern Wild Smilax
now ready in limited quantities.

THE KERVAN COMPANY,

Fresh Cut Evergreens for
Decorating.

FANCY FERNS AND MOSSES AT WHOLESALE.

20 W. 27th Street, NEW YORK.

TELEPHONE 1519 MADISON Sq.

GALAX, FERNS, ETC.

Green Galax..... @ 60c per 1000
Cut Fancy Ferns..... @ \$1.00 per 1000
Cut Dagger Ferns..... @ 1.00 per 1000
Cut Leucothoe Sprays..... @ 3.00 per 1000
New crop, first-class and fresh from the patch; will
have Bronze Galax in Nov. Cash with order.
J. N. PRITCHARD, Elk Park, N. C.

Leads in the West.

AM. FLORIST CO.:—Practically all the
replies I get from western trade advertis-
ing refer to the AMERICAN FLORIST.

JOHN B. DEAMUD.

Wholesale Flower Markets

BoetON, Oct. 26.

| | |
|-------------------------------|-------------|
| Roses, Beauty, best..... | 15.00@25.00 |
| " " medium..... | 8.00@20.00 |
| " " culls..... | 50c@ 4.00 |
| " " Bride, Bridesmaid..... | 1.00@ 3.00 |
| " " extra..... | 4.00@ 8.00 |
| " " Liberty..... | 50c@ 6.00 |
| Carnations..... | 50c@ 1.00 |
| " " Fancy..... | 1.00@ 2.00 |
| Lily of the valley..... | 3.00@ 4.00 |
| Smilax..... | 8.00@12.00 |
| Adiantum..... | 75c@ 1.00 |
| Asparagus..... | 35.00@50.00 |
| Gladiolus Colville..... | 1.00@ 1.50 |
| Violets..... | 40c@ 1.60 |
| Chrysanthemums, ordinary..... | 4.00@ 6.00 |
| " " fancy..... | 8.00@12.00 |

PHILADELPHIA, Oct. 26.

| | |
|-----------------------------------------|-------------|
| Roses, Tea..... | 3.00@ 5.00 |
| " " extra..... | 6.00@ 8.00 |
| " " Liberty..... | 6.00@10.00 |
| " " Queen of Edgely, extra..... | 12.00@25.00 |
| " " firsts..... | 8.00@12.00 |
| " " Beauty, extra..... | 12.00@25.00 |
| " " firsts..... | 8.00@12.00 |
| Carnations..... | 1.00@ 3.00 |
| Chrysanthemums, per doz., \$1@ \$4..... | 8.00@35.00 |
| Lily of the valley..... | 3.00@ 4.00 |
| Cattleyas..... | 50.00 |
| Asparagus..... | 25.00@50.00 |
| Smilax..... | 12.00@15.00 |
| Violets..... | 35c@.75 |
| Adiantum..... | 1.00@ 1.50 |
| Sweet peas..... | .75@ 1.00 |

BUFFALO, Oct. 26.

| | |
|------------------------------------|-------------|
| Roses, Beauty..... | 3.00@25.00 |
| " " Bride, Bridesmaid, Meteor..... | 1.00@ 6.00 |
| Carnations..... | 1.00@ 4.00 |
| Harrisii..... | 15.00 |
| Lily of the valley..... | 2.00@ 5.00 |
| Asparagus, strings..... | 40.00@50.00 |
| Smilax..... | 10.00@15.00 |
| Adiantum..... | .50@ 1.00 |
| Lilium Longiflorum..... | 15.00 |
| Chrysanthemums..... | 5.00@25.00 |
| Violets..... | .30@ .60 |

NEW CROP SOUTHERN WILD SMILAX.



We carry the finest and most complete line of Decorative Evergreens and Florists' Supplies. Our specialties are **DAGGER** and **FANCY FERNS**, All quality, \$1.00 per 1000. Discount on larger orders. **BRIGHT BRONZE** and **GREEN GALAX**, \$1.00 per 1000. Laurel Festooning, good and full, handmade 5c and 6c per yd. Green and **Sphagnum Moss**, \$1.00 per bbl. **Sphagnum Moss**, 50c per bag; 5 bags, \$2.00. Ivy Leaves, \$4.00 per 1000. Sprenger, 25c and 50c per bunch. **Asparagus Plumosus**, 50c per bunch or string. **Leucothoe Sprays**, \$1.00 per 100; \$7.50 per 1000.

We also carry a full line of Florists' Supplies such as Tin Foil, Cut Wire, Corrugated Boxes, all sizes, Folding Boxes, Ribbons, all sizes and colors, Koral Letters, Block Letters, Wire Designs, Cycas Leaves, Etc., Etc. Our stock is of the best quality and at the most reasonable rates. Please write for our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.

HENRY M. ROBINSON & CO., L. D. Phone 2618 Main. 8 and 11 Province St., Boston, Mass.

Please mention the American Florist when writing.

BERGER BROS. WHOLESALE FLORISTS.

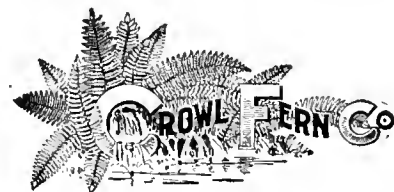
Bell and Keystone 'Phones.

1220 Filbert Street, PHILADELPHIA.

Please mention the American Florist when writing.

HARDY CUT FERNS.

FANCY OR DAGGER, 75c per 1000. Discount on large orders. **GALAX**, bronze or green, 75c per 1000; \$8.50 per case of 10,000. Use our **MOUNTAIN LAUR L** for your decorations, 4c, 5c and 6c per yd. Made fresh daily from the woods. **BRANCH LAUREL**, 35c per large bundle.



Tel. Office, New Salem, Mass. Millington, Mass.

The Philadelphia Wholesale Flower Market.

1235-7 Filbert St., PHILADELPHIA.

Open from 7 A. M. to 6 P. M. Telephones.

GALAX LEAVES.

Brilliant Bronze or Green. Selected stock, full count, \$1.00 per 1000; \$3.75 per 5000.

Sphagnum Moss, clean picked stock, large bale, \$1.75 each; by freight, \$2.00 each.

All Kinds of Decorative Greens and Florists' Supplies.

L. J. KRESHOVER,
Tel. 597 Madison Square. 110-112 W. 27th St., New York.

ALWAYS MENTION THE.....

....AMERICAN FLORIST

WHEN WRITING ADVERTISERS

FLOWERS SHIPPED BY

JOHN I. RAYNOR

ARE THE BEST PRODUCT OF THE BEST
GROWERS FOR THE NEW YORK MARKET.

Adiantum Croweanum 49 W. 28th Street, NEW YORK.
Sold here Exclusively. Tel. 1998 Madison Square.

YOUNG & NUGENT

42 West 28th Street, Telephone 2055 Madison Sq. **Wholesale Florists.**

CATTLEYS, GARDENIAS, ROSES, CARNATIONS and all seasonable novelties. With our long experience in shipping, and competent assistants in our packing department, we are in a position to guarantee out-of-town customers who place their orders with us that they will not be disappointed.

Walter F. Sheridan,
Wholesale Florist,

Telephone 902 Madison Square.

39 West 28th St., NEW YORK.

Telephone No. 756 Madison Square,

**MOORE, HENTZ & NASH**

Wholesale Commission Florists.

55 and 57 West 26th St. NEW YORK CITY.

Advice of sale noted daily. Statement and check weekly. All consignments, large or small, receive the same attention. CORRESPONDENCE INVITED.

WHOLESALE WILLIAM GHORMLEY, COMMISSION

Daily Receiver and Shipper of Fresh Cut Flowers.

Orchids, Roses, Carnations, Valley, Lilies, etc.

Telephones 2200 and 2201 Madison Square.

57 West 28th Street, NEW YORK CITY.

JOHN YOUNG,

Special American Beauties,
Surpassing Carnations,
Lily of the Valley, Orchids
and all Seasonable Flowers.

61 West 28th St., NEW YORK.
Telephone 1905 Madison Square.

THE RECOGNIZED HEADQUARTERS IN
NEW YORK CITY FOR

Violets and Carnations

GROWERS and BUYERS make a note of this.
It will be to your advantage.

WM. H. GUNTHER,
30 West 29th Street, NEW YORK.
Telephone 551 Madison Square.

THOMAS YOUNG, Jr.

WHOLESALE FLORIST.

CHOICEST CUT FLOWERS.

43 W. 28th St., NEW YORK CITY.

A NEW COMMISSION HOUSE

—READY FOR BUSINESS.—

JOSEPH S. FENRICH

46 W. 30th Street, NEW YORK.
TEL. 325 MADISON SQ.

N. Y. CUT FLOWER EXCHANGE

Coogan Bldg. 6th Ave. and W. 26th St., New York.
Open for Cut Flower Sales at 6 o'clock
Every Morning.....

DESIRABLE WALL SPACE TO RENT FOR
ADVERTISING.

JOHN DONALDSON, Secretary.

Choice Carnations.

Selected Roses.

Traendly & Schenck

NEW YORK CITY,

44 W. 28th Street, Cut Flower Exchange.
New Telephone No. 798 & 799 Madison Sq.

Wholesale Flower Markets

NEW YORK, Oct. 25.

| | |
|-----------------------------------|-------------|
| Roses, Beauty, best..... | 5.00@20.00 |
| " " medium..... | 1.00@ 4.00 |
| " " culls..... | .50@ 1.00 |
| " Liberty, best..... | 6.00@10.00 |
| " " medium..... | 2.00@ 5.00 |
| " " culls..... | .50@ 1.00 |
| " Bride, Bridesmaid, G. Gate..... | .50@ 5.00 |
| " Kaiserin, Carnot..... | .50@ 6.00 |
| Carnations..... | .50@ 2.00 |
| " fancy and novelties..... | 2.00@ 4.00 |
| Lily of the valley..... | 1.00@ 3.00 |
| Lilies..... | 4.00@ 6.00 |
| Smilax..... | 5.00@10.00 |
| Adiantum..... | .10@ .50 |
| Asparagus..... | 25.00@50.00 |
| Gardenias..... | 2.00@ 6.00 |
| Violets..... | .35@ .60 |
| Chrysanthemums, per doz.,..... | 50c@4.00 |

Charles Millang

WHOLESALE FLORIST.

Conservatory connected from which I can ship
ferns and decorative plants promptly.

50 W. 29th St. NEW YORK.
Tel. 3860 and 3861 Madison Square.

It is good business policy
to mention the

American Florist

.....when writing to an advertiser

FORD BROS.

Receivers and Shippers of

Fresh Flowers

111 West 30th St., NEW YORK.
Telephones 3870-3871 Madison Sq.

REPRESENTING EMINENT GROWERS.

Julius Lang

53 West 30th Street, NEW YORK.

COMMISSION DEALER in FLOWERS
TELEPHONE 280 MADISON SQUARE

ALEX. J. GUTTMAN,

Wholesale Commission Florist,

All varieties of Cut Flowers in season
at right prices, and of the
BEST QUALITY.

52 W. 29th Street, NEW YORK CITY.
Telephone 1664 and 1665 Madison Square.

THE

NEW YORK CUT FLOWER CO.

55 and 57 West 26th St.,
WHOLESALE FLORISTS.

Daily Reports.

Weekly Payments.

TELEPHONE
756 Madison Sq.

J. A. MILLANG,
MANAGER.

CARNATIONS My Specialty.

CONSIGNMENTS SOLICITED.

Prompt Payments.

Established 1891

Alfred H. Langjahr, 55 W. 28th St.
New York.

Telephone 3924 Madison Sq.

EDW. C. HORAN,

55 WEST 28TH STREET,

Telephone 421
Madison Square.

.....NEW YORK.

CUT FLOWERS AT WHOLESALE.

INTERNATIONAL FLOWER DELIVERY.

NEW YORK.

Steamer Gifts

Orders for flowers in any form carefully filled and delivered by special messenger on board any steamer on day of departure from New York.

THOS. YOUNG, JR.

43 W. 28th St., NEW YORK CITY.

Please mention the American Florist when writing.

SAN FRANCISCO.

TELEPHONE MAIN 1023.

SIEVERS & BOLAND,
Floral Artists,

33 Post Street, SAN FRANCISCO, CAL.

INDIANAPOLIS.

Bertermann Bros. Co.,
FLORISTS,

241 Massachusetts Ave., INDIANAPOLIS, IND.

Please mention the American Florist when writing.

ST. LOUIS.

Fred. C. Weber,
FLORIST,

4320-4328 Olive St., ST. LOUIS, MO.
Established 1873. L Dist. Phone Lindell 196 M.

DENVER.

The Park
Floral Co.

J. A. VALENTINE, Pres. DENVER, COLO.

MILWAUKEE.

C. C. Pollworth Co.

MILWAUKEE, WIS.

Will take proper care of your orders in

WISCONSIN.

CHICAGO.

Established 1857.

The Geo. Wittbold Co.

1657 Buckingham Place, CHICAGO.

Growers and importers. The oldest and leading house in Central and Western United States. Decorative plants a specialty. Mail and Wire Orders Get Prompt attention.

Palmer's

BUFFALO,
N. Y.

PASSENGER STEAMSHIP MOVEMENTS.

The tables herewith give the scheduled time of departure of ocean steamships carrying first-class passengers from the principal American and foreign ports, covering the space of two weeks from date of this issue of the AMERICAN FLORIST. Much disappointment often results from attempts to forward flowers for steamer delivery by express, to the care of the ship's steward or otherwise. The carriers of these packages are not infrequently refused admission on board and even those delivered on board are not always certain to reach the parties for whom they were intended. Hence florists in interior cities having orders for the delivery of flowers to passengers on out-going steamers are advised to intrust the filling of such orders to some reliable florist in the port of departure, who understands the necessary details and formalities and has the facilities for attending to it properly. For the addresses of such firms we refer our readers to the advertisements on this page:

| FROM | TO | STEAMER | *LINE | DAY | DUE ABOUT |
|---------------|-------------|---------------------|-------|----------------------------|-----------|
| New York..... | Liverpool | Campania | 1 | Sat. Nov. 5, Noon. | Nov. 11 |
| New York..... | " | Etruria | 1 | Sat. Nov. 12, 9:00 a. m. | Nov. 19 |
| Montreal..... | " | Bavarian | 2 | Fri. Nov. 4. | Nov. 13 |
| Montreal..... | " | Parisian | 2 | Fri. Nov. 11. | Nov. 20 |
| New York..... | Glaagow | Mongolian | 2 | Thur. Nov. 3, 11:00 a. m. | Nov. 13 |
| New York..... | " | Laurentian | 2 | Thur. Nov. 10, 11:00 a. m. | Nov. 20 |
| New York..... | Hamburg | Patricia | 8 | Sat. Nov. 5, 3:00 p. m. | Nov. 15 |
| New York..... | " | Moltke | 8 | Thur. Nov. 10, 10:00 a. m. | Nov. 20 |
| New York..... | Copenhagen | United States | 4 | Wed. Nov. 9, 2:00 p. m. | Nov. 19 |
| New York..... | Glaagow | Astoria | 5 | Sat. Nov. 5, Noon. | Nov. 15 |
| New York..... | London | Minnehaha | 8 | Sat. Nov. 5, 3:30 p. m. | Nov. 15 |
| New York..... | " | Minneapolis | 8 | Sat. Nov. 12, 9:00 a. m. | Nov. 22 |
| New York..... | Liverpool | Baltic | 7 | Wed. Nov. 2, Noon. | Nov. 10 |
| New York..... | " | Cedric | 7 | Wed. Nov. 9, 6:30 a. m. | Nov. 17 |
| New York..... | Southampton | Philadelphia | 8 | Sat. Nov. 5, 9:30 a. m. | Nov. 12 |
| New York..... | " | St. Louis | 8 | Sat. Nov. 12, 9:30 a. m. | Nov. 19 |
| New York..... | Antwerp | Zeeland | 9 | Sat. Nov. 5, 10:30 a. m. | Nov. 15 |
| New York..... | " | Finland | 9 | Sat. Nov. 12, 10:30 a. m. | Nov. 21 |
| New York..... | Havre | La Savoie | 10 | Thur. Nov. 3, 10:00 a. m. | Nov. 11 |
| New York..... | " | La Touraine | 10 | Thur. Nov. 10, 10:00 a. m. | Nov. 20 |
| New York..... | " | La Lorraine | 10 | Thur. Nov. 17, 10:00 a. m. | Nov. 27 |
| New York..... | Rotterdam | Statendam | 11 | Wed. Nov. 2, 10:00 a. m. | Nov. 11 |
| New York..... | " | Amsterdam | 11 | Wed. Nov. 9, 10:00 a. m. | Nov. 19 |
| New York..... | Bremen | Fredrick der Grosse | 13 | Thur. Nov. 10, 11:00 a. m. | Nov. 20 |
| Boaton..... | Liverpool | Bohemian | 14 | Wed. Nov. 2, 4:00 p. m. | Nov. 12 |
| Boaton..... | " | Canadian | 14 | Wed. Nov. 9, 10:30 a. m. | Nov. 19 |
| Montreal..... | " | Canada | 15 | Sat. Nov. 12, Daylight. | Nov. 20 |

*1 Cunard; 2 Allen-State; 8 Hamburg-American; 4 Scandinavian-American; Anchor Line; 8 Atlantic Transport; 7 White Star; 8 American; 9 Red Star; 10 French; 11 Holland-American; 12 Italian Royal Mail; 13 North German Lloyd; 14 Leyland; 15 Dominion.

DETROIT.

JOHN BREITMEYER'S
SONS

Cor. MIAMI and GRATIOT AVES.
DETROIT, MICH.

Artistic Designs.***
High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Please mention the American Florist when writing.

CHICAGO.

P. J. HAUSWIRTH
Auditorium Annex,
CHICAGO.

Mail, telegraph or telephone orders filled promptly in best style.

Please mention the American Florist when writing.

OMAHA.

HESS & SWOBODA,
FLORISTS,

1415 Farnam Street, OMAHA, NEB.
'Phone 1601 and L. 1682.

WASHINGTON.

Joseph R. Freeman,
FLORIST,

612 13th St. N.W., WASHINGTON, D. C.

Please mention the American Florist when writing.

ST. PAUL.

HOLM & OLSON,
ST. PAUL.

THE LEADING FLORISTS OF THE N. W.

Orders will be well cared for anywhere in Minnesota and the Dakotas.

Please mention the American Florist when writing.

SPRINGFIELD.

Mark Aitken
FLORIST.

388 Main St., Springfield, Mass.

GEORGE COTSONAS & CO.,

Wholesale and Retail Dealers in all kinds of
EVERGREENS.
Fancy and Digger Ferns, Bronze and Green Galax.
Phone 1202 Mad. Sq.
MAIN STORE, 45 W. 29th St., NEW YORK.
BRANCH, 55 W. 28th St.,

OUR DIRECTORY FOR 1904 WILL BE MAILED TO YOU PROMPTLY UPON APPLICATION. PRICE TWO DOLLARS.

KENNICOTT BROS. COMPANY

Our reputation has always been that we fill orders when others fail. All stock in season at lowest market rates. Following is the current market, subject to change:

PRICE LIST.

Chrysanthemums

Fancy, large.....\$2.50 to \$3.00 per dozen

AMERICAN BEAUTY

| | Per dozen |
|----------------------|-----------|
| 30-36-inch stem..... | \$3.00 |
| 24-inch stem..... | 2.50 |
| 20-inch stem..... | 2.00 |
| 16-inch stem..... | 1.50 |
| 12-inch stem..... | 1.00 |

Short stem \$3.00 to \$4.00 per 100

Chrysanthemums

Medium.....\$1.50 to \$2.00 per dozen

Per 100

| | |
|------------------------|------------------|
| Brides, and Maids..... | \$2.00 to \$5.00 |
| Meteors and Gates..... | 2.00 to 5.00 |
| Liberty..... | 3.00 to 6.00 |
| Carnations..... | 1.00 to 2.00 |
| Valley..... | 2.00 to 4.00 |
| Violets..... | .60 to 1.25 |

Chrysanthemums

Common.....75c to \$1.00 per dozen

| | Per 100 |
|------------------------------------------|-------------|
| Ferns..... per 1,000, \$1.25 to 1.50, \$ | .15 |
| Galax, Green..... per 1000, \$1.25 | .15 |
| Galax, Bronze..... per 1000, 1.50 | .20 |
| Leucothoe..... \$6.00 per 1000 | .75 |
| Adiantum..... | .75 to 1.00 |
| Smilax..... per doz., \$1.50 | |
| Asparagus Sprengeri..... 2.00 to 3.00 | |
| Asparagus, per string, 40c to 50c | |

KENNICOTT BROTHERS COMPANY,

40-42-44 Randolph Street, CHICAGO.

R. C. HAYDEN, Sec'y and Treas.

WM. J. MUTH, Manager.

PHILADELPHIA CUT FLOWER CO.

(SUCCESSOR TO CHARLES F. EDGAR & CO.)

Wholesale Commission Florists

WE DAILY RECEIVE AND SHIP ALL THE

LEADING... VARIETIES of **CHRYSANTHEMUMS, ROSES, CARNATIONS** And Other Seasonable Flowers

1516-1518 Sansom Street,

Bell and Keystone Phones.
Open 7:30 a. m. to 8 p. m.

PHILADELPHIA, PA.

FANCY CUT FLOWERS A SPECIALTY.

If you want Choice Cut Flowers at any time or all the time, send to

CHARLES W. McKELLAR,

51 Wabash Avenue, CHICAGO.

Western Headquarters for Choice

ORCHIDS, FANCY VALLEY, VIOLETS, BEAUTIES, TEA ROSES, CARNATIONS and CHRYSANTHEMUMS. Wild Smilax, Asparagus, Adiantum, Smilax, Fancy Ferns always in abundance. Also a complete line of all Florists' Supplies, Novelties and Wire Work.

LONG DISTANCE 'PHONE, CENTRAL 3598, AUTO. 3623.



Indianapolis Floral Co.

839 Ft. Wayne Avenue,

INDIANAPOLIS, IND.

WHOLESALE

Commission Florists.

ALL ORDERS PROMPTLY FILLED IN BEST POSSIBLE MANNER.

Consignments Solicited. We are in position to give prompt and liberal returns on all consignments.

WANTED, Bulbs.

We want to buy in lots of 1,000 to 10,000 each the following: TULIPS, select mixtures, CROCUS, HYACINTHS, separate colors mixed, NARCISSUS, all kinds, LILIES.

Please mention the American Florist when writing

CHAS. CHADWICK,

COR. FULTON & LAGRAVE,

Grand Rapids, Mich.

WHOLESALE and RETAIL FLORIST.

High-Grade Cut Blooms.

Carnations, Roses, 'Mums, Violets, Etc.

Choice American Beauties a Specialty.

Artistic Designs on Short Notice.

Good Shipping Facilities to all Michigan Points.

—A TRIAL ORDER SOLICITED.—

RICE BROTHERS

128 N. 6th St., MINNEAPOLIS, MINN.

Wholesale Cut Flowers and Supplies.

Wild Smilax

Flowers billed at Market Prices.

Shippers of choice Cut Flowers and Greens of all kinds. Try us.

A Daily Cut From 40 Growers

We can and will fill your Cut Flower wants to advantage.

Plenty of 'MUMS, BEAUTIES, MAIDS, BRIDES, etc. CARNATIONS, VIOLETS, etc. ALL GRADES.

Shipping orders our Specialty. Write, telephone or telegraph.

Long Distance Phone 11.9 Main.

Headquarters for HARDY PERNS and WILD SMILAX.

Most Complete Line of

FLORISTS' SUPPLIES

IN THE WEST.

—CATALOGUE FREE.—

E. F. WINTERSON CO.

Established 1894.

45-47-49 Wabash Avenue, CHICAGO.

Please mention the American Florist when writing.

Always mention the American Florist when you order stock.

HIGH-GRADE SOUTHERN WILD SMILAX.

SPECIAL FACILITIES FOR HANDLING LARGE ORDERS.

And Florists' Hardy Decorative Supplies. Prices Right.

WRITE, WIRE OR PHONE.

E. A. BEAVEN, (Formerly of Caldwell, The Woodsman Company) EVERGREEN ALA.

The Seed Trade.

AMERICAN SEED TRADE ASSOCIATION.

Chas. N. Page, Des Moines, Ia., Pres.; L. L. May, St. Paul, Minn., First Vice-Pres.; C. E. Kendel, Cleveland, O., Sec'y and Treas. Twenty-third annual convention, June, 1905.

FANCY eastern holly is reported scarce in Delaware and Maryland.

It is predicted that there will be fewer bulbs, especially lilies, to auction this season.

CROSBY and Detroit dark red beet are two of the very short items at this time in a generally short beet crop.

NEW YORK.—Bulb dealers are complaining of the large percentage of substitutions this season, particularly in tulips.

WOOD, STUBBS & COMPANY, Louisville, Ky., were awarded a gold medal for their exhibit of garden and field seeds shown in the Agriculture building, World's Fair.

FRENCH White Roman hyacinths are reported an overstock in the hands of French growers to the extent of 600,000 at the close of the past season and predictions are made of a 10 per cent. lower price for the coming year.

BOUQUET GREEN picking in Wisconsin has been much delayed the past two weeks by rainy weather which has prevailed more than half of the time. The quantity already picked and in sight is perhaps a little less than last season at this time.

MISS ELIZABETH N. HALLOCK, daughter of E. V. Hallock, was married to Capt. Rogers of the United States Army, at the Hallock country home at Margaretville, in the Catskills, October 18. Captain and Mrs. Rogers will reside at Fort Sheridan near Chicago.

The Late George Urquhart.

George Urquhart died October 16 in St. Paul, Minn., aged 71 years 5 months. He was buried in the Bellefontaine cemetery, St. Louis, on October 18. Mr. Urquhart was very well known in the American seed trade, having begun with the Plant Seed Company of St. Louis in 1847 and continued with them until 1901. Since 1901 he has lived with his son in Minnesota. He was popular in the trade, his kindly and genial personality endearing him to everyone.

New Orleans.

At this time of the year chrysanthemums are more the topic of the day than any other flower. Visiting a few of the largest growers of New Orleans we found James Newsham, grower to J. Steckler Company, Limited, bringing to a finish a nice lot of chrysanthemums. As others, he believes in Robinson, and he will have them in perfect condition. They are grown under a cotton cover, and he thinks it is superior to glass, taking into consideration the cost. A high-priced chrysanthemum will never sell in New Orleans in quantity sufficient to justify the greenhouse culture.

The New Orleans Horticultural Society met last week, with a good attendance. E. W. Eichling, chairman of the commit-

tee on prizes to be offered for the best kept city gardens, reported the work going on well. A letter from Dan Newsham at the World's Fair was read. He sent a list of the medals awarded to the New Orleans exhibitors as follows: New Orleans Horticultural Society, J. A. Steckler Company (Limited), seeds, E. W. Eichling, E. Valdejo, Charles Ebele, John Ebler, Abele Brothers, J. St. Marc and a few others. Then the members looked over a few plants and cut flowers brought over for competition. In the line of plants the first prize was divided between George Mohn for *Adiantum grandiceps* and H. Papeworth for *Dracena Lindenii*. Second prizes went to H. Papeworth for dracenas in 7-inch pots. For cut roses the prizes were divided between Dan Newsham and H. Papeworth. A Scott fern in a 6-inch pot was sent by the originator to the society. President Papeworth introduced the novelty to the members, and everybody found it grand and a beautiful acquisition in the line of decorative ferns. A discussion was opened to decide the best way to award a prize to the originator, and they all agreed that nothing less than a gold medal should be offered. Mr. Allan McGregor, of Springfield, O., was present at the meeting.

M. Cook & Son have most of their chrysanthemums under glass. Their Robinsons are fine. A large lot of a late kind are not yet enough advanced to form an idea of what they will be.

H. Papeworth reports a good crop on hand. Other growers, Abele Brothers, J. St. Marc and E. W. Eichling, say they are well satisfied.

M. M. L.

Pittsburg.

Business is draggy and comes in spots. Everything in good stock is to be had, especially so with roses and carnations, also chrysanthemums. Violets are very fine.

The Frick conservatories in Homewood will be thrown open to the public and remain so for about three weeks. The superintendent, David Frazier, has completed all arrangements for the show, which will no doubt be up to the usual high standard.

Theodore Beckert has struck it right with the kinds and quality of his chrysanthemums, for which there is a good demand.

The chrysanthemum show in the Phipps conservatory will begin on October 30. More than 6,000 blooms will be exhibited.

William Loew will open his green goods establishment about December 1, and will be located at 234 Diamond street.

Reisch & Barber, of Beloit, O., are making preparations to build a propagating house, which will be 14½x150 feet.

J. B. Murdoch & Company unloaded a large quantity of carnations and chrysanthemums last Saturday.

Randolph & McClements are putting up as many as six wedding decorations in a single day.

The Elliott boys state that there is a great run on hardy plants.

Patrick Maier is cutting some fine Harrisii.

W. B. Flemm is on the sick list.

E. L. M.

Buffalo.

With almost summer weather the past week the supply of flowers has been large, more particularly roses, which are very

plentiful. Violets are plentiful and large but have not had the fragrance the past few days that they should have. The trade has suffered somewhat on account of the fine weather. Very few receptions and no large weddings have been held. Chrysanthemums are coming in good, yellow being somewhat scarce.

W. F. Kasting is busy with chrysanthemums and a little politics. Buffalo can boast of an author and playwright in the business. J. Benson Stafford, of Palmer's, has written a play which has been accepted and will be produced in the near future. We wish him every success and no Sunday work.

The Buffalo Florists' Club had a good meeting last Tuesday. The flower show was the topic. The judges were selected and nearly all arrangements made. Superintendent Keitsch feels very much encouraged from the entries. The prizes are cash, varying from \$50 to \$5.

The east is finding that Buffalo is in need of florists for her stores so has let us have W. F. Holmes, of Philadelphia, a graduate of Robert Kift's place, who is with R. M. Rebstock.

Election will be the topic for two weeks more, then good hustling business for the season.

Recent visitors: Fred B. Lewis, Lockport, N. Y.; Henry Wise, E. Aurora, N. Y.; Max Beattus, Dayton, O.

BISON.

Albany, N. Y.

A great improvement in business has been noticeable the last few weeks. Orders for wedding decorations, dinner parties and funeral work have been very numerous and profitable to the trade.

The Board of Contract and Supply has advertised for sixty tons of unbleached, screened hard wood ashes, to be delivered f. o. b. at West Albany before November 15. The ashes are for use by the Bureau of Parks. For the past few weeks the Bureau of Parks, in co-operation with Superintendent Anderson, of the local electric lighting company, has been experimenting with six new mercury vapor lamps, the invention of Prof. Steinmetz, of the General Electric Company, Schenectady. The lamps are located in a semi-circle in the plaza in front of the capitol and have attracted much attention and been the subject of some discussion. The lamps give a soft, green light, which has the effect of greatly enhancing the beauty of the tree foliage, among which they are placed. The test of the lamps is an experimental one, with a view to determine their possibilities for commercial purposes.

Whittle Brothers supplied the decorations for the wedding of the daughter of W. S. Wiley, a wealthy mill owner at Catskill, on Wednesday of this week. Decorators were busy for two days trimming the church and residence, which were done in a color scheme of pink. A large number of Glory of Pacific chrysanthemums was used to advantage.

The city will celebrate the old-fashioned Dutch festival of All Halloween on Monday, October 31, with an all-day programme of masquerade parades and illuminations. Nothing of the kind has been attempted here before, and a large number of visitors will be here on that day.

Samuel Goldring, well known among the florists of this city, has accepted a position as grower with W. C. Goodrich, of Watervliet.

R. D.

NOW IS THE TIME TO SOW

Vaughan's Giant-Flowered Cyclamen Seed.



Our seed has been grown by us by a Cyclamen specialist in Europe. This is the third season we are handling his entire crop. The seed is saved only from perfect plants. Shape and size of flowers, foliage and stems and general habit are points on which our seeds are selected. There is no better Cyclamen seed in the market.

| | |
|-------------------------------------------|-----------------------------|
| Pure White (Mont Blanc)..... | 100 seeds, 65c; |
| Dark Crimson..... | 1000 seeds, \$5.00. |
| Rosa von Marienthal, "Daybreak" Pink..... | 250 seeds at the 1000 rate. |
| Dark Rose..... | |
| White with carmine eye..... | |

RUBIN, new, the darkest good red, 100 seeds, \$1.50.

WHITE FRINGED, very fine flower, 100 seeds, \$1.00.

EXTRA CHOICE MIXED, per 100 seeds, 50c; 250 seeds, \$1.15; 1000 seeds, \$4.50; 5000 seeds, \$20.00.

NEW GIANT ORCHID—Flowered Cyclamen.

These are exceptionally fine, with very large flowers that are frilled and fringed in wonderful fashion. They are splendid sellers in the Chicago market and our seed is direct from the originator.

| | |
|------------------------------------------|------------------------------|
| Pure White, Red, Pink..... | Each, per 100 seeds, \$1.00; |
| White, with Carmine Eye, Lilac Colored } | 1000 seeds, \$9.00. |

GIANT ORCHID-FLOWERED CYCLAMEN in choicest mixture, 25 seeds, 25c; 100 seeds, 85c; 1000 seeds, \$8.00.

10 PER CENT SPECIAL CASH DISCOUNT, On orders over \$2.00 for Flower Seeds if the cash is enclosed. 10 per cent This discount does not apply to Asparagus Seed. Cash discount on this is 2 per cent.

VAUGHAN'S SEED STORE,

NEW YORK:

14 Barclay Street.

CHICAGO:

84-86 Randolph Street.

GREENHOUSES: WESTERN SPRINGS, ILL.

NEW HARDY ANNUAL.

The Gold Medal Carmine-Flowered Tobacco Plant

Nicotiana Sanderae

Seeds in original packets from all seedsmen throughout the United States.

Gold Medal, London, 1903. Gold Medal, Royal Horticultural Society of England, 1904. First-class Certificate and Barksean Medal by 24 members of Floral Committee, R. H. Society.

Particulars, colored illustrations, etc., from

SANDER & SONS, ST. ALBANS, ENGLAND.

WHOLESALE AGENTS FOR THE UNITED STATES:

HENRY A. DREER, Chestnut St., Philadelphia, Pa.
J. M. THORBURN, Cortlandt St., New York.
VAUGHAN'S SEED STORE, Chicago and New York.

Please mention the American Florist when writing

Seed Bags

FOR THE TRADE.

We manufacture a full line in Manila, White, Amber or Colored Laid Papers. Also print in quantities.

Samples on application.

— THE —

Brown Bag-Filling Machine Co.
FITCHBURG, MASS.

Please mention the American Florist when writing



ONION SETS

Write for samples and prices.

VAUGHAN'S SEED STORE, Chicago.

Please mention the American Florist when writing.

HYACINTHS AND TULIPS.

FINEST BULBS.

| | Per 100 | Per 1000 |
|------------------------------------------|---------|----------|
| SINGLE HYACINTHS, separate colors | \$2.50 | \$25.00 |
| SINGLE WHITE ROMANS, 12 to 15 ctms | 2.25 | 20 00 |
| SINGLE MIXED TULIPS, 1st quality..... | .60 | 4.50 |
| DOUBLE MIXED TULIPS, 1st quality..... | .80 | 7.00 |

ROBERT BUIST COMPANY, Philadelphia, Pa.

White Romans.

| Bulbs Ctms. | Per 100; | Per 1000 | Per Case. |
|---------------|----------|----------|-------------------|
| 12 to 15..... | \$2 75; | \$24.00; | 2,000 for \$47.00 |
| 13 to 15..... | 3.25; | 28.00; | 1,800 for 49.00 |

ARTHUR T. BODDINGTON, Seeds, Bulbs, Plants, NEW YORK.
342 West 14th St.,

MOSS, GALAX, FERNS.

Galax, Bronze or Green.....\$1.00 per 1000
Ferns, Dagger or Fancy......90 per 1000
Southern Smilax, large case... \$6.00

CUT FLOWERS, FLORISTS' SUPPLIES.

H. L. MENAND, 34 Williams St., Albany, N. Y.
L. D. TELEPHONES.

BOUQUET GREEN

Best quality at lowest rates. We gather our own GREENS and bring by our own boat direct.
Also CHRISTMAS TREES.

Northern Michigan Evergreen Nursery,
SCHOONER GEO. L. WRENN, S. W. Cor. Clark St.
H. schuenemann, Capt. Bridge CHICAGO.

National Florists' Board of Trade,

Office: 56 Pine Street, New York.

Credit Reference Book. A subscription to our Credit List will cost you \$10 a year, and it may save you \$100 the first month. **Special Reports.** We make a specialty of this part of our work. **Collections.** We collect slow and doubtful accounts. Why not go through your books at once and send us all the claims that are in arrears?

Indispensable.

AMERICAN FLORIST Co.:—Florists whom we have visited in Des Moines and other places tell us the AMERICAN FLORIST is indispensable, and from an examination of the magazine we believe it is, so enclose \$1 for a year's acquaintance with the journal.

ENOE & BARNEY.

The Nursery Trade

AMERICAN ASSOCIATION OF NURSERYMEN.

E. W. Kirkpatrick, McKinney, Tex., Pres.;
C. L. Watrous, Des Moines, Ia., Vice-Pres.;
George C. Senger, Rochester, N. Y., Sec'y.
Thirtieth annual convention, West Baden
Springs, Ind., June, 1905.

ADDITIONAL nursery trade advertisements will be found on page 548.

JOHN W. HUTCHINSON and Mr. Cowl, representatives of the New York parks, were taking in the western nurseries on a business trip last week.

SARCOXIE, MO.—James B. Wild has filed suit against his brothers, Henry N. Wild and Frank H. Wild, for a dissolution of the partnership firm of James B. Wild & Brothers. The partnership was formed in 1875.

Best Outdoor White Lilac.

ED. AM. FLORIST.—Can you ascertain for me the name of the best variety of white lilac suitable for outdoor culture for flower purposes and also if grafted plants are superior to those on own roots, and the name of grafting stock?

G. R.

As to which is the best white lilac for growing outdoors, I do not know, not having tried them all, but I do know that Princess Alexandra is one of the very best. It has large trusses, or panicles rather, and the individual floret is of good size. Its habit of growth is inclined to be erect, which appears to be an advantage. It also blooms freely. Alba grandiflora is also considered a good one. Marie Lefraye is quite popular, especially for forcing purposes. There appear to be at least two distinct varieties offered for sale under this name. One with very large florets in somewhat loose panicles and the other has much smaller flowers with the panicles more compact. Princess Alexandra was, I believe, raised from seed in Canada, and distributed quite largely in the United

States by Ellwanger & Barry. Plants on own roots are considered superior to those grafted because the latter seem to be more prone to be attacked by those pests, the borers. Lilacs are frequently budded or grafted on the privet, both the Ligustrum ovalifolium or the so-called California privet, and L. vulgaris the European privet. Lilacs are subject to the attacks of a scale insect which must be looked for carefully and promptly dealt with, for it spreads quite rapidly. Remedies that are recommended to combat the San Jose scale may be used with good effect against the one mentioned.

E. L.

Shade Trees for the Hub.

Mayor Collins has ordered City Forester Doogue to distribute 2,000 young shade trees to the citizens of Boston in time for the fall transplanting. They will include nursery elms, maples and poplars, and will be given to the districts which are in the most need of shade trees. The people of Essex county have taken up the war against gypsy and brown tail moths, and have decided to ask the legislature to pass a law making it the duty of cities and towns to rid their respective communities of the pests, and also to permit the authorities to enter private grounds to clear the trees of moths, and, if the owner objects, compel him to do the work himself, and if he neglects to do it, to make it the duty of the authorities to do the work at his expense. Some such law as this would have a very beneficial effect, as the work against these pests is at the present but desultory and unproductive of the best results.

Toronto.

Local conditions are erratic and stock of nearly all kinds is about as plentiful as it ever gets. Chrysanthemums have glutted the market and though a week ago they were very much in demand, they are now hardly moving. Roses are in very fine shape. American Beauty and Edgely are coming in more plentiful

and of very fine flower. General MacArthur is showing up well and is certainly a very handsome addition to the rose line. Chatenay and Franz Deegan are also well liked. Carnations are becoming more plentiful though they are commanding \$4.00 per 100 for No. 1. Valley and violets are also too plentiful to be comforting to the grower.

The date for the flower show has been changed to November 15 to 18, inclusive. Secretary H. B. Cowan is very energetic and is distributing his literature very liberally.

The florists' supply men are storming the town. Evidently Canadian trade is getting desirable.

W. B. Sands, of Lake Rowen, near Baltimore, and W. Gammage were recent visitors.

H. G. D.

Columbus, O.

Chrysanthemums are coming in now and stock is good. There is good demand for first-class stock at satisfactory prices. Many of our growers speak highly of some of the new varieties on trial and it is evident that some of the old standbys will have to take a back seat after this season.

George Davy has again started in the growing business. Mr. Davy has been out of business during the last year and has been missed very much. He will be found in the future east of Shepherds, a small suburb, where he will confine his growing to cut flowers for the local market.

Graff Brothers have enlarged their store room and added a large refrigerator which is on the order of a cold store room.

CARL.

HARTFORD, CONN.—The chrysanthemum show at the Elizabeth park greenhouses has already opened and is attracting a large crowd.

CLARKSVILLE, TENN.—Preparations are well in hand for the coming chrysanthemum show which is to be held from November 9 to 12 inclusive.

DENVER, COL.—D. S. Grimes & Son took first prizes for white, red and light and dark pink carnations at the state fair in Pueblo and won the sweepstakes with Eucharis.

HOW TO EARN \$20 to \$50 PER WEEK.

This is an advertisement but is worthy of your careful consideration, as it is a bonafide offer to the readers of the AMERICAN FLORIST for their services this winter—whole or part time.

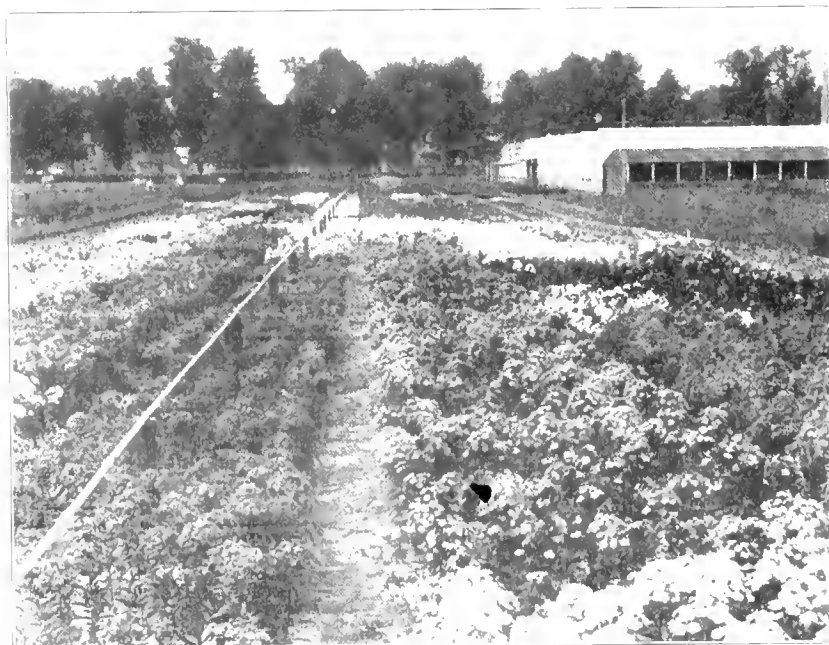
If you mean business it will pay you to write to the Spaulding Company and get their proposition. Whether you are experienced in their line or not they will outfit you free and instruct you fully each week, so that you will positively make as much as stated above, in cash, and in addition thereto will receive many premiums, not cheap, trashy things but useful and valuable articles which they send their salesmen free, from time to time, by way of appreciation and encouragement.

Working for them is not like representing an ordinary nursery concern, for they are nurserymen of national reputation and can be depended upon to fulfill all agreements with salesmen and customers. They will make life easy and prosperous for you if you give them the chance.

Write them to-day for full particulars.

—ADDRESS—

SPAULDING NURSERY & ORCHARD CO.,
SPAULDING, ILL.



HERBACEOUS PHLOX AND WATERING MACHINE AT DREER'S NURSERIES.

(See issue of August 13, page 70.)

DREER'S HARDY PERENNIALS.

During the past season we have considerably extended our stock of Hardy Perennials, which is now not only the most extensive and most complete in the country, but is in better condition than ever before.

FOR A MORE COMPLETE LIST SEE OUR CURRENT WHOLESALE LIST.

| | Doz. | 100 |
|-------------------------------------------------------------------------------------------------------------------|--------|---------|
| Acanthus Latifolius, 4-in. pots. | \$2.00 | \$15.00 |
| Mollis, 4-in. pots. | 2.00 | 15.00 |
| Aconitum Fischeri, strong. | 1.25 | 10.00 |
| Napellus, strong. | 1.25 | 10.00 |
| Autumnale, strong. | 1.25 | 10.00 |
| Achillea Filipendula, strong divisions. | .75 | 6.00 |
| Millefolium Roseum, 3-in. pots. | .75 | 5.00 |
| "The Pearl," 3-in. pots. | .75 | 5.00 |
| Eupatorium, strong divisions. | 1.00 | 8.00 |
| Adonis Pyrenaica, strong. | 1.50 | 12.00 |
| Vernalis, strong. | 1.00 | 8.00 |
| Ajuga Rejovensis, strong divisions. | .75 | 6.00 |
| Reptans Variegata, strong divisions. | 1.00 | 8.00 |
| Alyssum Saxatile Compactum, 3-in. pots. | .75 | 6.00 |
| Anemone Tabernaemontana, strong. | 1.25 | 10.00 |
| Anchusa Italica, field-grown. | .75 | 6.00 |
| Anemone Japonica. The following varieties can be supplied at 75 cents per doz.: \$6.00 per 100; \$50.00 per 1000: | | |
| Japonica Alba, Lady Ardilaun, Queen Charlotte and Whirlwind | | |
| Pennsylvanica, 3-in. pots. | \$0.75 | \$ 5.00 |
| Sylvestris, 3-in. pots. | .75 | 6.00 |
| Sylvestris Eliza Fellman, (new) 3-in. pots. | 1.50 | 12.00 |
| Aquilegia Chrysantha, 4-in. pots. | .75 | 6.00 |
| Caryophyllodes, 4-in. pots. | .75 | 6.00 |
| Canadensis, 3-in. pots. | .75 | 5.00 |
| Nivea Grandiflora, 4-in. pots. | .75 | 6.00 |
| Skinneri, 4-in. pots. | .75 | 6.00 |
| Vulgaris, 4-in. pots. | .75 | 6.00 |
| fl. pl. 4-in. pots. | .75 | 6.00 |
| Arabis Alpina, 3-in. pots. | .60 | 5.00 |
| Alpina fl. plena, field-grown. | 1.00 | 8.00 |
| Arenaria Balearica, 3-in. pots. | 1.00 | 8.00 |
| Armeria Maritima Splendens, 3-in. pots. | .75 | 6.00 |
| Maritima Alba, field-grown, 3-in. pots. | .75 | 6.00 |
| Artemesia Abrotanum, strong. | .75 | 6.00 |
| Purshiana, strong. | .75 | 6.00 |
| Stellaria, strong. | .75 | 6.00 |
| Asclepias Tuberosa, strong. | .75 | 6.00 |
| Aubreyia Hendersoni. | 1.25 | 10.00 |
| Leichtlini. | 1.25 | 10.00 |
| Græca. | 1.25 | 10.00 |

HARDY ALPINE ASTERS.

| | | |
|-----------------------------|--------|--------|
| Alpinus, 3-in. pots. | \$0.75 | \$6.00 |
| Speciosus, 3-in. pots. | .75 | 6.00 |
| Superbus, 3-in. pots. | .75 | 6.00 |
| Albus, 3-in. pots. | .75 | 6.00 |

HARDY ASTERS. (Michaelmas Daisies)

| | | |
|--------------------------------------------------------------|--|--|
| Amellus Elegans. Very large. Light blue. 18-in. | | |
| Amyethyminus. Large amethyst blue. 3-ft. | | |
| Delight. Very free. Light rose lilac. 1 ft. | | |
| F.W. Burbidge. Bright rose lilac. Large size. 3 1/4 ft. | | |
| Formosissima. Deep lilac, shaded purple. 3 ft. | | |
| Horizontalis. Small, rose lilac flowers. | | |
| Levis. Light blue. 4 ft. | | |
| Madonna. An early free flowering white. 3 ft. | | |
| Mme. Soyneuse. Bright rose lilac. 15 in. | | |
| Mrs. F. W. Raynor. Light purplish crimson. 3 ft. | | |
| Novæ Angliæ. Large bluish purple. 3 ft. | | |
| Novæ Angliæ Roosa. Bright rose color. 4 ft. | | |
| Robert Parker. A fine lavender blue. 4 ft. | | |
| Snowflake. Pure white. 2 1/4 ft. | | |
| Thos. S. Ware. Large, light rose lilac. 3 1/2 ft. | | |
| Turbinellus. Pale lavender. Large. 3 ft. | | |
| White Queen. Large white. 3 1/2 ft. | | |

Strong divisions. \$1.00 per doz.; \$8.00 per 100.

| | Doz. | 100 |
|--------------------------------------------------|--------|---------|
| Baptisia Australis, field plants. | \$0.75 | \$ 6.00 |
| Tinctoria, field plants. | .75 | 6.00 |
| Bellis Perennis, (English Daisy). | .30 | 2.00 |
| Bocconia Cordata, strong divisions. | .75 | 6.00 |
| Boltonia Asteroides, strong divisions. | .75 | 6.00 |
| Latisquama, strong divisions. | .75 | 6.00 |
| Campanula Alliarifolia, strong plants. | 1.00 | 8.00 |
| Carpatia, blue; strong plants. | 1.00 | 8.00 |
| Carpatia Alba, strong plants. | 1.00 | 8.00 |
| Glomerata, strong divisions. | 1.00 | 8.00 |
| Glomerata Alba, strong divisions. | 1.00 | 8.00 |
| Grandis, strong plants. | 1.00 | 8.00 |
| Groszeki, strong divisions. | .75 | 6.00 |
| Latifolia Macrantha, strong plants. | 1.00 | 8.00 |
| Punctata, strong plants. | 1.00 | 8.00 |
| Persicifolia, heavy 4-in. pots. | .75 | 6.00 |
| Persicifolia Alba, heavy 4-in. pots. | .75 | 6.00 |
| Persicifolia Blackhousei, heavy 4-in. pots. | 1.00 | 8.00 |
| Pyramidalis, strong 1-year field-grown. | 1.00 | 8.00 |
| Trachelium, strong plants. | 1.01 | 8.00 |
| Caryopteris Mastacanthus, 3-in. pots. | .75 | 5.00 |
| Cassia Marilandica, strong 1-year plants. | .75 | 6.00 |
| Catananche Bicolor, strong plants. | 1.25 | 10.00 |
| Centaurea Ruthenicus, strong plants. | 1.25 | 10.00 |
| Glaucifolia, strong plants. | 1.25 | 10.00 |
| Hirta Nigra Variegata, divisions. | .75 | 6.00 |
| Montana Alba, strong divisions. | 1.00 | 8.00 |
| Montana Lady Hastings, strong divisions. | 1.00 | 8.00 |
| Montana Rubra, strong divisions. | 1.00 | 8.00 |
| Montana Violette, strong divisions. | 1.00 | 8.00 |
| Cephalaria Alpina, strong plants. | 1.00 | 8.00 |
| Cephalaria Tartarica, strong plants. | 1.00 | 8.00 |
| Cerastium Tomentosum, 3-in. pots. | .75 | 6.00 |
| Chelone Lyoni, strong plants. | 1.00 | 8.00 |
| Glabra, strong plants. | 1.00 | 8.00 |
| Obliqua Alba, strong divisions. | 2.00 | 15.00 |

| | Doz. | 100 |
|-------------------------------------------------------------|------|-------|
| Chrysanthemum Maximum Triumph. strong 4-in. pots. | .75 | 6.00 |
| Maximum Filiformis, strong divisions. | .75 | 6.00 |
| Nipponicum, strong plants. | 1.00 | 8.00 |
| Cimicifuga Acerina or Japonica, strong plants. | 2.00 | 15.00 |
| Dahurica, strong plants. | 2.00 | 15.00 |
| Racemosa. | 1.00 | 8.00 |
| Clematis Davidiana, 1-year-old. | .75 | 6.00 |
| Integrifolia, strong plants. | 1.00 | 8.00 |
| Recta, 2-year-old. | 1.00 | 8.00 |
| Coreopsis Lanceolata, heavy 4-in. pots. | .60 | 4.00 |
| Delphinium Chinense, 1-year seedlings. | .75 | 5.00 |
| Chinese Alba, 1-year seedlings. | .75 | 5.00 |
| Formosum, 1-year seedlings. | .75 | 6.00 |
| Hybridum, 1-year seedlings. | .75 | 6.00 |
| Sulphureum, 2-year-old corms. | 1.50 | 12.00 |
| Dianthus Barbatus. (Sweet William). | .50 | 4.00 |
| Napoleon III. 4 n. pots. | 1.50 | 10.00 |
| Plumarius. (See Hardy Pinks). | | |
| Dietsium Fraxinella, pink 2-year-old. | 1.00 | 8.00 |
| Fraxinella Alba, 2-year-old. | 1.25 | 10.00 |
| Digitalis Gloxiniflora, strong 4-in. pots. | .75 | 6.00 |
| Grandiflora, strong 4-in. pots. | .75 | 6.00 |
| Lanata, strong 4-in. pots. | .75 | 6.00 |
| Delyria Spectabilis, strong clumps. | .75 | 6.00 |
| Formosa, strong clumps. | 1.00 | 8.00 |
| Peronicum Austriacum, divisions. | 1.00 | 8.00 |
| Excelsum, divisions. | 1.00 | 8.00 |
| Echinops Ritro, strong plants. | 1.00 | 8.00 |
| Sphaerocephalus, strong plants. | 1.00 | 8.00 |
| Epimedium Lilacea, lilac. | 1.50 | 12.00 |
| Musebianum, creamy white. | 1.50 | 12.00 |
| Niveum, pure white. | 1.50 | 12.00 |
| Sulphureum, light yellow. | 1.50 | 12.00 |
| Erigeron Glaucus, strong plants. | .75 | 6.00 |
| Glabellus, strong plants. | .75 | 6.00 |
| Cornutus Speciosus, strong plants. | .75 | 6.00 |
| Eryngium Amethystinum, strong plants. | 1.50 | 12.00 |
| Agavefolium, 4-in. pots. | 1.25 | 10.00 |
| Maritimum, strong plants. | 1.50 | 12.00 |
| Planum, strong plants. | 1.00 | 8.00 |
| Yuccaeifolium, strong clumps. | 1.00 | 8.00 |
| Eupatorium Celestinum, 3-in. pots. | .75 | 6.00 |
| Ageratoides, strong plants. | .75 | 6.00 |
| Purpureum, strong plants. | .60 | 4.00 |
| Scrobinum, strong plants. | .75 | 6.00 |
| Euphorbia Corollata, 3-in. pots. | .60 | 4.00 |
| Funkia Cerulea. (Blue Day Lily). | .61 | 4.00 |
| Glaucia. | 1.00 | 8.00 |
| Subcordata Grandiflora. (White Day Lily). | .75 | 6.00 |
| Undulata Media Picta. (Variegated Day Lily). | .75 | 6.00 |
| Thos. Hogg. | .75 | 6.00 |
| Gaillardia Grandiflora, 4-in. pots. | .75 | 6.00 |
| Galega Officialis, strong plants. | 1.00 | 8.00 |
| Alba, strong plants. | 1.00 | 8.00 |
| Geranium Sanguineum, strong divisions. | .75 | 6.00 |
| Sanguineum Album, strong divisions. | .75 | 6.00 |
| Gerum Atrosanguineum, fl. pl. | .75 | 6.00 |
| Heldreichi. | .75 | 6.00 |
| Montanum. | .75 | 6.00 |
| Glechoma. (Nepeta) Variegata. | .75 | 6.00 |
| Gillenia Trifoliata, strong plants. | 1.00 | 8.00 |
| Gypsophila Paniculata. | .75 | 6.00 |
| Acentifolia. | 1.25 | 10.00 |
| Corastoides. | .75 | 6.00 |
| Rejans, 3-in. pots. | 1.00 | 8.00 |
| Helium Autumnale Superba, strong divisions. | 1.00 | 8.00 |
| Bolander, strong divisions. | 1.00 | 8.00 |
| Grandcephalum Striatum, strong divisions. | .75 | 6.00 |
| Hoopesi, strong plants. | .75 | 6.00 |
| Helianthus Davidiana, strong divisions. | .75 | 6.00 |
| Meteor, strong divisions. | .75 | 6.00 |
| Multiflorus, fl. pl. strong divisions. | .75 | 6.00 |
| Multiflorus Maximus, strong divisions. | .75 | 6.00 |
| Maximiliana, strong divisions. | .75 | 6.00 |
| Miss Mollish, strong divisions. | .75 | 6.00 |
| Mollis, strong divisions. | .75 | 6.00 |
| Orgyalis, strong divisions. | .75 | 6.00 |
| Rigidus, strong divisions. | .75 | 6.00 |
| Soleil d'Or, strong divisions. | .75 | 6.00 |
| Tomentosus, strong divisions. | .75 | 6.00 |
| Wolley Dodd, strong divisions. | .75 | 6.00 |
| Heliospis Pitcherianus, strong divisions. | .75 | 6.00 |
| Scaber Major, strong plants. | .75 | 6.00 |
| Hemerocallis Aurantica Major, strong divisions. | 3.50 | 25.00 |
| Dumortieri, strong divisions. | .75 | 6.00 |
| Flava (Yellow Day Lily) strong divisions. | .60 | 4.00 |
| Florham (New) strong divisions. | 3.50 | 25.00 |
| Fulva (Tawny Day Lily) strong divisions. | .60 | 4.00 |
| Kwanoo, fl. pl. (Double Orange Lily) strong divisions. | .60 | 4.00 |
| Middendorfi, strong divisions. | .75 | 6.00 |
| Thunbergii, strong divisions. | .75 | 6.00 |
| Hibiscus Moschutos, strong. | .75 | 6.00 |
| Moschutos. ("Crimson Eye") strong. | .75 | 6.00 |
| Militaris, strong 2-year-old. | .75 | 6.00 |
| Hepatica Angulosa, 3-in. pots. | 1.00 | 8.00 |
| Triloba, 3-in. pots. | .75 | 6.00 |
| Hesperis Matronalis (Rocket) strong plants. | .75 | 6.00 |
| Hieracium Aurantiacum, 3-in. pots. | .75 | 6.00 |

| | Doz. | 100 |
|-------------------------------------------------------------------------------|------|-------|
| Hypericum Moserianum, strong 1-year-old. | 1.00 | 8.00 |
| Hollyhock, strong 1-year-old plants. | | |
| Double White, Red, Pink, Yellow. | | |
| Salmon, Maroon. | 1.50 | 10.00 |
| Allegheny. | 1.00 | 8.00 |
| Single Choice Mixed. | 1.00 | 8.00 |
| Iberis Sempervirens, strong plants. | .75 | 5.00 |
| Iberis Delavayi, strong roots. | 1.50 | 10.00 |
| Iris Kamperi, 24 varieties. | 1.50 | 10.00 |
| Iris Kamperi, choice mixed. | 1.00 | 8.00 |
| Iris Germanica, 12 varieties. | .75 | 6.00 |
| Iris Germanica, choice mixed. | .60 | 4.00 |
| Iris Sibirica Orientalis, strong divisions. | 1.00 | 8.00 |
| Iris Pseudo-Acorus, strong divisions. | 1.00 | 8.00 |
| Liatris Pycnostachia, 1-year-old roots. | .75 | 6.00 |
| Scariosa, 1-year-old roots. | .75 | 6.00 |
| Spicata, 1-year-old roots. | .75 | 6.00 |
| Gramineifolia, 1-year-old roots. | .75 | 6.00 |
| Lavendula Vera (Lavender) 3-in. pots. | .75 | 6.00 |
| Linum Perenne, 1-year-old seedlings. | .75 | 6.00 |
| Alba, 1-year-old seedlings. | .75 | 6.00 |
| Lindelia Longifolia, strong divisions. | 1.25 | 10.00 |
| Lithospermum Celestinum. | 1.25 | 10.00 |
| Lobelia Cardinalis, strong. | .75 | 6.00 |
| Lysimachia Clethroides, strong divisions. | .75 | 6.00 |
| Ciliata, strong plants. | .75 | 6.00 |
| Nymularia. | .50 | 4.00 |
| Nymularia Aurea. | .75 | 6.00 |
| Punctata, strong divisions. | .75 | 6.00 |
| Lythrum Roseum Superbum, strong. | 1.00 | 8.00 |
| Lychnis Alpina, strong plants. | .75 | 6.00 |
| Lychnis Alpina Alba, strong plants. | .75 | 6.00 |
| Haageana, 3-in. pots. | .75 | 6.00 |
| Chaledonia (Red Maltese Cross). | .75 | 6.00 |
| Alba (White Maltese Cross). | .75 | 6.00 |
| Carnea (Pink Maltese Cross). | .75 | 6.00 |
| Viscaria Double Red, clumps. | 1.25 | 10.00 |
| Lotus Corniculatus, strong divisions. | 1.25 | 10.00 |
| Mertensia Virginica, strong roots. | 1.00 | 8.00 |
| Mentha Piperita, 3-in. pots. | .50 | 4.00 |
| Variegata, 3-in. pots. | 1.10 | 8.00 |
| Monarda Didyma, 3-in. pots. | .75 | 6.00 |
| Rosea, 3 in. pots. | .75 | 6.00 |
| Splendens, 3 in. pots. | .75 | 6.00 |
| Fistulosa Alba, clumps. | .75 | 6.00 |
| Morina Longifolia, 4-in. pots. | 1.25 | 10.00 |
| Myosotis Palustris Semperflorans. | .60 | 4.00 |
| Alpestris Robusta Grandiflora. | .50 | 3.00 |
| Enothera Fraseri, strong plants. | 1.00 | 8.00 |
| Fruticosa, strong plants. | 1.00 | 8.00 |
| Missouriensis, 3-in. pots. | .75 | 6.00 |
| Pilgrimi, strong plants. | 1.00 | 8.00 |
| Speciosus, strong plants. | 1.00 | 8.00 |
| Youngi, strong plants. | 1.00 | 8.00 |
| Ononis Spinosa, 3-in. pots. | 1.25 | 10.00 |
| Rotundifolia, 3-in. pots. | 1.25 | 10.00 |
| Omphalodes Verna, 1-year-old. | 1.00 | 8.00 |
| Alba, 1-year-old. | 1.00 | 8.00 |
| Orob. Lathyroides, strong divisions. | 1.50 | 12.00 |
| Vernus, strong divisions. | 1.50 | 12.00 |
| Papaver Orientalis. (The Oriental Poppy). A choice strain, strong roots. | .75 | 6.00 |
| Nudicaule (Iceland Poppy), strong. | .65 | 5.00 |
| Pachysandra Terminalis, strong. | 1.00 | 8.00 |
| Pardanthus Simensis, strong divisions. | .50 | 4.00 |
| Paeonias, double herbaceous, 50 vars. | 2.00 | 15.00 |
| Paeonias, double white, mixed. | 1.50 | 12.00 |
| Paeonias, double red, mixed. | .75 | 6.00 |
| Paeonias, double pink, mixed. | .75 | 6.00 |
| Paeonias, double, all colors mixed. | .75 | 6.00 |
| Pentstemon Barbatus Torreyi, strong. | 1.00 | 8.00 |
| Diffusus, strong plants. | .75 | 6.00 |
| Digi alis, strong plants. | .75 | 6.00 |
| Glaber Hybrids, strong plants. | 1.25 | 10.00 |
| Grandiflorus, strong plants. | 1.25 | 10.00 |
| Heterophyllum, strong plants. | 1.00 | 8.00 |
| Gentianoides, 3-in. pots. | .75 | 6.00 |
| Pubescens, strong plants. | 1.00 | 8.00 |
| Smallii, strong plants. | 1.00 | 8.00 |
| Petasites Japonicus Giganteus, strong. | 1.25 | 10.00 |
| Phlox, Hardy Perennial, 25 choice varieties, 1-year field-grown. | .75 | 5.00 |
| Carolina. | .75 | 5.00 |
| Divaricata Canadensis. | .75 | 6.00 |
| Physalis Francheti, 3-in. pots. | .75 | 6.00 |
| Physostegia Virginica, strong divisions. | .75 | 6.00 |
| Virginica Alba, divisions. | .75 | 6.00 |
| Denticulata, strong divisions. | .75 | 6.00 |
| Pinks, hardy garden, in 8 choice vars. | .75 | 6.00 |
| Platycodon Mariæ, 2-yr-old roots. | .75 | 6.00 |
| Grandiflorum, blue, 2-yr-old roots. | .75 | 6.00 |
| Album, white, 2-yr-old roots. | .75 | 6.00 |
| Polygonum Cuspidatum, strong. | 1.25 | 10.00 |
| Compactum, strong plants. | 1.00 | 8.00 |
| Podophyllum Peltatum, strong roots. | .60 | 4.00 |
| Potentilla Phoenix, strong divisions. | 1.00 | 8.00 |
| Polemonium Ceruleum, strong. | .75 | 6.00 |
| Richardsoni, strong divisions. | .75 | 6.00 |
| Alba, strong divisions. | .75 | 6.00 |
| Rejans. | .75 | 6.00 |
| Polygonatum Marj. | 1.00 | 8.00 |
| Pulmonaria Saccharata Maculata. | 1.50 | 10.00 |
| Stokesia Cyauea, strong plants. | 1.00 | 5.00 |
| Thibetum Aquilegiform Album. | 1.50 | 12.00 |
| Aquilegiform Atripareum. | 1.00 | 8.00 |
| Roseum. | 1.25 | 10.00 |
| Adiantifolia. | 1.00 | 8.00 |
| Minus. | .75 | 6.00 |
| Thermopsis Fabacea, strong plants. | 1.00 | 8.00 |

HENRY A. DREER,

714 CHESTNUT STREET,

PHILADELPHIA, PA.

Our Pastimes

Announcements of coming contests or other events of interest to our bowling, shooting and sporting readers are solicited and will be given place in this column.

Address all correspondence for this department to J. H. Pepper, 42 West 28th St., New York; Robt. Kift, 1725 Chestnut St., Philadelphia; or to the American Florist Co., Chicago.

At Pittsburgh.

Absentees from both the bowling teams reduced the teams to three men on side. The contest of last Friday night was spirited and exciting, the retailers winning. The scores:

| FIRST GAME. | |
|-------------------|-----|
| Wholesalers | 455 |
| Retailers | 571 |
| SECOND GAME. | |
| Wholesalers | 473 |
| Retailers | 561 |
| THIRD GAME. | |
| Wholesalers | 461 |
| Retailers | 470 |

At Chicago.

The following scores were made by the Florists' Club bowlers at Thompson's alleys, Tuesday evening:

| WINTERTON TEAM. | | | |
|----------------------------|-----|-----|-----|
| Player | 1st | 2d | 3d |
| Scott | 175 | 133 | 164 |
| Haague | 169 | 112 | 150 |
| L. H. Winterson | 148 | 146 | 135 |
| Total | 492 | 391 | 449 |
| LAMEROS TEAM. | | | |
| Player | 1st | 2d | 3d |
| Lambros | 197 | 167 | 170 |
| Callas | 162 | 196 | 156 |
| Benekos | 168 | 164 | 127 |
| Venson | 160 | 212 | 174 |
| Total | 687 | 741 | 627 |
| HAUSWIRTH TEAM. | | | |
| Player | 1st | 2d | 3d |
| P. J. Hauswirth | 159 | 139 | 155 |
| H. Klunder | 141 | 146 | 98 |
| V. Kreitling | 107 | 124 | 184 |
| Total | 407 | 409 | 437 |
| ASMUS TEAM. | | | |
| Player | 1st | 2d | 3d |
| Zappe | 140 | 104 | 137 |
| Beaman | 98 | 160 | 127 |
| E. Winterson | 102 | 143 | 161 |
| Asmus | 106 | 181 | 189 |
| Total | 446 | 588 | 611 |
| LADIES. | | | |
| Player | 1st | 2d | 3d |
| Mrs. Kreitling | 120 | 90 | 125 |
| Mrs. E. Winterson | 80 | 114 | 100 |
| Mrs. Scott | 74 | 67 | 95 |
| Mrs. Hauswirth | 69 | 92 | 84 |
| Mrs. Lambros | 68 | 58 | 53 |
| Mrs. Asmus | 72 | 95 | 78 |
| Mrs. L. H. Winterson | | | 86 |

At the Florists' Club meeting Thursday night, George Asmus, captain of the champion Chicago bowling team, exhibited the beautiful trophies won by his team at the convention tournament at St. Louis in August.

At Boston.

The regular match game of the Seeds-men's bowling league was rolled Monday, October 24, between R. & J. Farquhar & Company and W. W. Rawson & Company, resulting in three straight for the Farquhar team and a whitewash for the Rawson team. The features of the evening were the rolling of Davey and Jenner for Farquhar team and Field for Rawson team. The rooting of "Jack" Beaton and Maurice Field, together with the friendly rivalry of the two teams, made the evening's sport one to be long remembered. The next match is to be rolled Monday, October 31, between Schlegel & Fottler Company and W. W. Rawson & Company.

The scores:

| R. & J. FARQUHAR & COMPANY. | | | | |
|-----------------------------|-----|-----|-----|------|
| Player. | 1st | 2d | 3d | Ttl |
| Davey | 74 | 80 | 96 | 250 |
| Porter | 66 | 72 | 76 | 214 |
| Neilsson | 55 | 66 | 61 | 182 |
| Beaton | 66 | 65 | 55 | 186 |
| Jenner | 76 | 92 | 87 | 255 |
| Team totals | 337 | 375 | 375 | 1087 |
| W. W. RAWSON & COMPANY. | | | | |
| Chorins | 52 | 63 | 83 | 198 |
| Taylor | 54 | 59 | 64 | 177 |
| Fraser | 47 | 64 | 39 | 150 |
| Field | 88 | 65 | 82 | 235 |
| Perry | 69 | 66 | 86 | 221 |
| Team totals | 310 | 317 | 354 | 981 |

Joliet, Ill.

The Joliet flower show will be held November 2 to 5 inclusive. Cut chrysanthemums and plants must be in position by 12 o'clock noon of the opening day. Cut roses on Thursday, carnations Friday. Exhibits are solicited. Here are some of the premiums offered: For best forty varieties of chrysanthemums, \$50; best twelve white, light pink, dark pink, yellow, red, \$6. Carnations, best fifty each white, light pink, dark pink, crimson, scarlet, yellow and variegated, first prize, \$5; second, \$2. Best 100 blooms any variety, cut glass vase valued at \$25. Roses, best twenty-five undissected, American raised, gold medal; best twenty-five American Beauty, \$15; best twenty-five Liberty, \$10; best twenty-five Golden Gate, \$5; best twenty-five Bride, \$5; best twenty-five Bridesmaid, \$5; best twenty-five any other color, \$5. Entries should be sent to Chas. A. Noble, secretary, Joliet, Ill., and exhibits addressed in care of James Hartshorne, chrysanthemum show, Joliet, Ill.

The invitation sent by the Chicago Carnation Company's bowling team has been accepted by the Chicago Florists' Club's team. The match will take place at Joliet, Saturday November 5, this being the closing day of the local flower show. The Improvement Association, under whose auspices the flower show is held, has put up a prize each for the six-man team that wins the best two out of three games. There are also other prizes in sight. A banquet will be given the visiting florists in the Elks lodge rooms. It is expected a large crowd will bedown from Chicago, as there certainly were some doings the last time they were here. We still have the same mayor, boys.

Louisville.

The past week has been one of unusual average, with no room for complaint. An opening caused an extra demand for some good flowers. Stock of nearly every description with the possible exception of carnations can be had in satisfactory quantity. Roses of very good quality are to be had, and the quantity is adequate. The demand is fair but is probably a little shy owing to the large quantity of chrysanthemums coming in. Carnations are coming in in larger quantities, but nothing very encouraging can be said about the quality at the present. The demand is very good for the better grade. Chrysanthemums are coming in very rapidly in white, yellow, and pink, the latter being a little scarce. The quality is very good and the demand excellent. Cosmos can still be had in quantity, but the demand is not so good. The quality is lowering. Dahlias of good quality can be had in quantity, but the demand is only fair. Smilax is now in crop, the quality being very good.

On a recent Sunday, a party consisting

of Joseph Coenen, John Bohman, Henry Lichtefeld, Henry Fuchs, and the writer had the pleasure of visiting W. K. Partridge's place at Lockland, O. The visit was a source of much pleasure. What struck us mostly was Mr. Partridge's seedling carnation which is certainly a wonder. F. L. S.

HILLSDALE, MICH.—A chrysanthemum show will be held at the greenhouses of Carl Hirsch, October 28 and 29. It will be in charge of the ladies of the various churches of the city and a small admission fee will be charged. This fee and fifty per cent of the receipts from the sale of all plants and flowers on those days will go to the churches, through the generosity of the proprietor.

MILLS THE FLORIST,

36 W. Forsyth Street,
JACKSONVILLE, FLA.

Please mention the American Florist when writing.

JOHN WOLF,

Wholesale and Retail Florist,

SAVANNAH, GA.

ESPECIALLY CONVENIENT FOR THE
SOUTHERN TRADE.

Largest Grower of VALLEY in the South,
also CARNATIONS, ROSES and BULB-
OUS FLOWERS.

Long Distance Telephone Connections.

Please mention the American Florist when writing.

PETER REINBERG

51 Wabash Ave., CHICAGO.

Wholesale Cut Flowers

LARGEST GROWER
IN THE WORLD.

Price List.

| AMERICAN BEAUTIES— | | Per doz. |
|------------------------|----------|------------------|
| 36-inch stems | | \$3.00 |
| 24-inch stems | | 2.00 |
| 18-inch stems | | 1.50 |
| 12-inch stems | | 1.00 |
| Short stems | per 100, | \$4.00 to 6.00 |
| LIBERTY | | Per 100 |
| CHATELAIN | | \$4.00 to \$6.00 |
| seconds | | 2.00 to 3.00 |
| MAIDS AND BRIDES | | 4.00 to 6.00 |
| seconds | | 2.00 to 3.10 |
| PERLE | | 2.00 to 4.00 |
| GOLDEN GATES | | 2.00 to 4.00 |
| CARNATIONS | | 1.00 to 1.50 |

All flowers are perfectly fresh and properly packed.
No charge for P. & D. on orders over \$5.00.

Please mention the American Florist when writing.

Be Convinced

That the price asked is very reasonable. All florists who have purchased, have so expressed their opinion.

—TO INTRODUCE—

Nephrolepis Scottii

To more customers, florists who have not yet seen the fern, I make this special offer. I will sell one plant of each size at the following prices, and will also prepay the express charges:

| | |
|--------------|--------|
| 4-inch..... | \$.50 |
| 6-inch..... | 1.25 |
| 7-inch..... | 2.00 |
| 8-inch..... | 3.00 |
| 10-inch..... | 5.00 |

One plant, or one of each size only, will be sold under these conditions.

I make this offer in order that those who are unfamiliar with SCOTTII can see and judge for themselves, that there is no comparison between this fern and any other variety of Nephrolepis, for commercial and decorative purposes. SCOTTII has at least four times as many fronds per plant in any size pot, as any other commercial Nephrolepis that was ever introduced.

WHAT THE NEW YORK FLORISTS' CLUB SAID:

The committee of award of the club visited the establishment of John Scott, at Flatbush, N. Y., on October 6, for the purpose of inspecting the stock of his new fern, NEPHROLEPIS SCOTTII. Seven members of the committee attended, also the president and vice-president of the club. The initial exhibit of this fern was made at the rooms of the club at the November meeting, 1903. The committee which examined it at that time was so favorably impressed by it that they unhesitatingly awarded it a certificate of merit, and did not ask to see it growing; a request to examine the stock was only recently sent to the club by the exhibitor. The committee made a thorough examination of the stock both in pots and in the bench, and character. It was growing in all sizes from plants in 4 inch pots up to specimen plants in tubs, and it was absolutely uniform, and were highly pleased at its condition form in all grades, the characteristics of the large specimen plants being evident in the smallest specimens on the place. The most careful scrutiny failed to discover any tendency whatsoever toward reversion, and it seems as if the character of the plant is absolutely and indelibly fixed. It is in essence a condensed form of the Boston fern, with valuable characteristics added, which are not evident in the parent. Your committee took an average plant in an 8 inch pot and found by actual count that there 200 fronds in it, not counting the undeveloped and small ones which were in the center of the plant. The fronds of the plant in question averaged about twenty inches in length and three inches in width at the widest point; the pinnæ are very closely set, so that they overlap, making a more finished frond than the parent. The plant in question had a spread of three feet. Plants in 4-inch pots showed a spread of 18 inches and a height of 10 to 12 inches.

The committee was unanimously of the opinion that it is a most valuable introduction, and that it will become a plant for the florists to grow universally. It has a crispness and hardness about it which is superior to the parent, and which is one of its very valuable characteristics. It propagates very freely, and because of the fact that its character is established in the smallest size, it should find ready sale in all grades. After a thorough examination, your committee unanimously agreed that it was worthy of the highest award by the club and therefore voted that it be awarded the silver medal of the club, and herewith recommend same for your approval.

(Signed)

Patrick O'Mara, John Birnie, Alfred H. Langjahr, Wm. H. Siebrecht, Chas. Lenker, John Dowsett.

The Committee of Awards at the St. Louis World's Fair, said of NEPHROLEPIS SCOTTII:

"A sturdy, dwarf and compact form of Nephrolepis, very symmetrical and handsome, either in small plants or quite large ones. A great acquisition, with excellent qualities as a house plant. Worthy of Gold Medal."

THE GOLD MEDAL HAS BEEN AWARDED.

PRICES: 4-in., \$7.00; 6-in., \$15.00; 7-in., \$24.00; 8-in., \$36.00 per doz.; 10-in., \$5.00 each.

JOHN SCOTT, Keap St. Greenhouses, **Brooklyn, N. Y.**
Telephone 1207 Williamsburg.

BRANCH: East 45th St. and Rutland Rd., Brooklyn, N. Y.

Cleveland.

Business the last week has been rather poor, except that chrysanthemums have been in good demand, although prices are only fair, \$18 to \$20 per hundred being the highest price paid for prime stock, while fairly good stock can be bought for \$8 per hundred. Carnations are becoming more plentiful. Roses are somewhat of a glut and prices are poor. It doesn't seem to take many roses to glut this market at any time. With carnations it is different, as there always is a good demand for them. Cosmos and dahlias are done for. The last two nights' frost ended them. It is to be hoped business will improve after election.

The Florists' Club held its regular meeting the night of October 23. About twenty-five members were present. The feature of the evening was an entertaining talk by G. M. Nauman on the various features of horticultural interest noticed by him on his recent trip through Germany and Switzerland. Mr. Nauman claims we are ahead on cut flowers and in the pot plant line we can compare favorably with our brethren across the water.

Bate Brothers have received the first consignment of their new patent tile bench and will give it a thorough trial this winter.

Carl Wagenberger, of Mentor, O., has built a store with greenhouse attached in Painesville, O., and will embark in the retail line.

Wm. Smith, on Madison avenue, is erecting two new houses, one for propagating purposes and the other for cut flowers.

The Essex Greenhouses are sending in some extra fine chrysanthemums. Their Robinsons are superb flowers on six foot stems.

Smith & Fettes have been very busy this past week with several large wedding decorations.

John Walker, of Youngstown, was in town recently and reports business good. ECHO.

BELFAST, ME.—Willis E. Hamilton, who has been engaged the last month in erecting a greenhouse on the corner of Franklin and Cedar streets is putting up a first-class office and salesroom at his lot on the Franklin street side, which when completed will be 30x30 feet, with a street front of glass.

ONE'S EXPERIENCE BENEFITS OTHERS.

HUDSON HEIGHTS, N. J.
The Fumigating Kind saves a great deal of work, and is most economical. Quite a number of the trade are using it now, after seeing how it works with us.

McMILLAN & SONS.

See page 556.

Please mention the American Florist when writing.

TREES and SHRUBS.

FINE VARIETIES. LOW PRICES.

For both Wholesale and Retail Trade. Send for catalogue.

Peterson Nursery. Lincoln & Peterson Aves., CHICAGO ILL.

When in Europe come and see us and inspect our extensive Nurseries. Gouda is our railroad depot.

HARDY, FANCY ORNAMENTAL NURSERY STOCK.

J. Blaauw & Co.,
BOSKOOP, HOLLAND.

Catalogue free on demand. Headquarters for the famous Colorado Blue Spruces, purest, bluest strain

California Privet.

| Packing free. | | Per 100 | 1000 |
|---------------------------------------|--|---------|---------|
| 50,000 3 years, 2 1/2 to 3 feet..... | | \$3.00 | \$28.00 |
| 50,000 2 years, 3 to 4 feet..... | | 2.75 | 25.00 |
| 200,000 2 years, 2 to 3 feet..... | | 2.25 | 20.00 |
| 200,000 2 years, 20 to 24 inches..... | | 2.00 | 15.00 |
| 50,000 2 years, 15 to 20 inches..... | | 1.75 | 12.00 |
| 400,000 1 year, 12 to 18 inches..... | | 1.00 | 8.00 |

Cuttings, Feb. and March, 8 in. 200 Trees, 3 years, heads 4 to 5 feet, each20c

Two and three year have been cut back and transplanted, which makes them very bushy, with fine roots.

600,000 ASPARAGUS ROOTS. Per 1000
Palmetto and Barr's Mammoth, 2-year.....\$3.00
Palmetto and Barr's Mammoth, 1-year.....2.50
Write for Trade List. Remember, packing free on fall delivery.

J. H. O'HAGAN, Little Silver, N. J.
RIVER VIEW NURSERIES.

CALIFORNIA PRIVET.

A large stock of extra fine, well furnished two year plants from one to four feet. Grades much higher than most stock sent out. Satisfaction guaranteed. Get my prices before you place your order. Address

CHAS. BLACK, HIGHTSTOWN, N. J.

Philadelphia Rambler.

Flowers brighter and much more double than Crimson Rambler, strong grower, blooms earlier and does not bleach out.

2 1/2-inch plants.....\$6.00 per 100; \$50.00 per 1000
4-inch plants.....2.00 per doz.; 15.00 per 100
5-inch plants.....3.00 per doz.; 25.00 per 100

The Conard & Jones Co., WEST GROVE, PA.

HAERENS BROS., Somergem.

Extensive Growers of

PALMS, ARAUCARIAS, RHODODENDRONS, and other decorative plants for spring 1905 delivery; all carefully grown and packed. For trade list apply to our American Agents.

August Rölker & Sons
31 Barclay St., P. O. Box 752, NEW YORK.

The Cottage Gardens Co.

(Incorporated.)

Queens, Long Island, New York.

Nursery Book, giving descriptions of nursery stock, peonies, etc., mailed upon application.

Jacs Smits, Ltd. NAARDEN (Holland.)
(BRANCH AT BOSKOOP.)

Wholesale Growers of Hardy Fancy, Ornamental nursery stock, pot-grown forcing plants. Lilacs a specialty. Berlin and Hamburg Valley—the best quality. Catalogue free on demand.

When in Europe please inspect our nurseries. NAARDEN-BUSSUM, near Amsterdam, is our R. R. Depot.



Send to **THE MOON** Company
For Trees, Shrubs, Vines
Your and Small Fruits.
Descriptive Illustrated Catalogue Free
THE WM. H. MOON CO.
Morrisville, Pa.

CHOICE CALIFORNIA PRIVET.

Well Branched and Rooted.

| | | | |
|------------------------|---------|------------------------|---------|
| 3-yr. old. Per 100 | 1000 | 2-yr. old. Per 100 | 1000 |
| 3 to 4 feet.....\$3.00 | \$28.00 | 3 to 4 feet.....\$2.50 | \$22.50 |
| 2 1/2 to 3 feet 2.50 | 22.50 | 2 to 3 feet.....2.00 | 18.50 |
| 2 to 2 1/2 feet 2.00 | 17.00 | 1 1/2 to 2 feet 1.00 | 13.50 |

Packing free. Cash with order.

ATLANTIC COAST NURSERIES,
Office 606 4th Avenue, Asbury Park, N. J.

AMERICAN
TREE SEEDS
AND PLANTS

Our Descriptive Catalogue of American Seeds and Plants is now ready for mailing. Ask for it.

OTTO KATZENSTEIN & CO.,
Tree Seed and Plant Specialists ATLANTA, GA.

Surplus Stock. Clematis, pot-grown, in leading var., with 50% Jackmanni, 3 to 4 feet high, 1 to 3 shoots, \$25.00 per 100. Clematis, field-grown, 2 to 3 years old, strong shoots, with 50% Jackmanni, \$120.00 per 1000. Tree Roses, in leading var., strong heads and stems, \$160.00 per 100. Low budded Roses in leading var., 2 years old, \$40.00 per 1000. Climbing Roses, in leading var., 3 to 4 feet high, with plenty of shoots, \$70.00 per 1000. Turner Crimson Ramblers, 3 to 4 feet high, strong shoots, \$50.00 per 1000. Caprifolium, (Honeysuckle) in var.: 5 feet high, strong shoots, \$12.00 per 100. Viburnum Opulus, (Snowball), strong shrubs, 2 to 3 feet high, \$70.00 per 1000. Lilacs, field-grown, 3 years old, in var., as Mary Legraye and Charles X., \$11.00 per 100. This quotation is only for a short while and you better take advantage of it at once. All other nursery stock prices upon application.

Before buying your Holland grown nursery stock elsewhere, you should take advantage of our extremely low prices. We are headquarters for Roses, Hydrangea p. g., Rhododendrons, Azalea mollis, Paeonias and Ornamental trees. It will pay you to keep in touch with us and advise us of your wants. When in Holland don't forget to call on us, and inspect our nurseries. Gouda is our railroad depot.

W. VAN KLEEF & SONS,
The Nurseries, Boskoop, Holland.
NO AGENTS. NO AGENTS.

For Fall Trade.

WE OFFER AN IMMENSE STOCK OF

WIER'S CUT LEAF MAPLES, TULIP TREES, AZALEA INDICA, (Home Grown.)

GARDENIAS, MAGNOLIA GRANDIFLORA, ORANGES and LEMONS (Grafted).

RUBBERS, KENTIAS, LATANIAS, CHAMÆROPS, PHENIX and a GENERAL LINE OF NURSERY STOCK.

All Healthy and Clean. Write for prices.

P. J. BERCKMANS CO., Inc.,
Fruitland Nurseries, AUGUSTA, GA.

Please mention the American Florist when writing.

James King Nursery,

PEONIES, named sorts or mixtures.

PHLOXES, finest sorts.

HARDY PERENNIALS.

SHRUBS, in variety.


TREES, all sizes.

WRITE FOR TRADE LIST.

ELMHURST, ILLINOIS.

—PHONE 312.—

Please mention the American Florist when writing.



EVERBLOOMING
THE BEST ROSE NOVELTY
Dwarf Crimson Rambler
Vaughan's Seed Store
CHICAGO, NEW YORK.
ORDERS BOOKED NOW.

Please mention the American Florist when writing.

PEONIES.

Festiva Maxima.....\$35.00 per 100

Fine White, generally called Queen

Victoria.....9.00 per 100

Rose, the tall-growing, heavy-bloom-

ing variety.....6.00 per 100

For other varieties or 1000 rate write

GILBERT H. WILD, Sarcoxie, Mo.

Please mention the American Florist when writing.

FLOWER SHOW

THE WORLD'S FAIR FLOWER SHOW ASSOCIATION

WILL HOLD UNDER THE AUTHORITY OF THE

SEE
PREMIUM
LIST
IN THIS
PAPER

Louisiana Purchase Exposition

A GRAND



NATIONAL

**CHRYSANTHEMUM,
CUT FLOWER and
PLANT SHOW**

— IN THE —
Horticultural Building
World's Fair Grounds.

AT

**ST. LOUIS, November 7th to 12th
DAY AND EVENING.**

The Preliminary **PREMIUM LIST** printed in this paper indicates the liberal **CASH PRIZES** and **GOLD MEDALS** so far arranged. World's Fair Awards are additional.

WRITE for ENTRY BLANKS and TAGS.

ALL EXHIBITS will be passed on by the regular World's Fair Jurors (A. Herrington, Wm. Duckham and W. N. Rudd have already been appointed and accepted), and Medals awarded as exhibits may deserve. In addition, the Henry Shaw Gold Medals are available under the usual rules governing same. More cash has now been guaranteed than is required for the entire cash prizes and all possible expenses, the St. Louis Florists, Seedsmen and Nurserymen alone having subscribed over \$1,000.00.

THE GREATEST SHOW EVER HELD IN AMERICA.

You can't afford to be out of it. Come and see it.

We want the small grower as well as the large.

SEE
PREMIUM
LIST
IN THIS
PAPER

Address Correspondence: **WORLD'S FAIR FLOWER SHOW ASSOCIATION**

Regarding all Matters Pertaining to Entries and Exhibits, P. J. HAUSWIRTH, Manager, 227 Michigan Ave., Chicago.
After November 2 address him at Horticultural Building, World's Fair, St. Louis.

Regarding other General Matters to..... J. C. VAUGHAN, Chairman, P. O. Box 688, Chicago.
Regarding Remittances to WILLIS N. RUDD, Treasurer, Mt. Greenwood, Ill.

Executive Committee: Philip Breitmeyer, Leonard Kill, E. G. Hill, W. N. Rudd, Elmer D. Smith, Wm. Trelease, J. C. Vaughan, chairman.

Syracuse, N. Y.

Trade has livened up since the last writing. A large number of funerals and weddings have helped to increase the business. The regular trade has also picked up.

Robert H. C. Bard, the well-known rose-grower, who has been connected with P. R. Quinlan & Company for several years, has resigned and gone into business for himself. The firm of Bard & Davis has rose and carnation houses at the corner of Wilbur and Bryan avenues. Albert H. Davis, the junior member, was also connected with P. R. Quinlan & Company. He was superintendent of the floral department of the New York state fair.

A terrible accident occurred October 19 in the private greenhouse of Lyman C. Smith, in James street. Believing that the electric power had been shut off, Thomas E. Deegan, a steamfitter, and William C. Dixon, an electrician, attempted to raise an electric transformer in the greenhouse and were almost instantly killed. Over 2,000 volts passed through the bodies of the men, who had been called to make repairs.

L. E. Marquisee has a number of new carnations that flowered last year and are quite promising. "I am not saying much about them yet," said he, "as I like to wait until they have proved themselves." One which deserves special mention is a white sport from Enchantress. Mr. Marquisee has registered it as the White Enchantress. He says the demand for Boston ferns is good, in fact better than the demand for palms.

Wheadon & Hencle have been doing a large amount of decorating for weddings and have succeeded in arranging some tasty things in the way of autumn effects. A Manlius wedding was held amid decorations by this firm of autumn foliage, chrysanthemums, bitter-sweet and wild clematis. The decorations for the Hawley wedding included autumn effects and asparagus.

Henry Morris has a window that attracts considerable attention. In it are 400 obconicas, among which are sprinkled roses here and there. Mr. Morris has some good chrysanthemums which are selling for from \$1.50 to \$4 per dozen. Carnations are coming in well now and the demand keeps up.

P. R. Quinlan & Company have had a big week. The Bartels wedding was an expensive affair and took a large quantity of flowers and plants of all kinds.

A. J. B.

Spokane, Wash.

The Spokane Floral Association held its last meeting of the year on Tuesday, October 11, at the home of Mrs. Percy H. Sheppard, 123 Fifth avenue. The house was elaborately decorated with flowers and presented a pretty appearance. Mrs. Josephine Brinkerhoff spoke on the "Floral Association of 1904." The next and last regular meeting of the association for this year will be held on Tuesday, November 5. The officers who will officiate next year will be elected at this meeting.

The Best Customers.

AM. FLORIST CO.:—The best customers I have obtained through trade paper advertising have come to me through the columns of the AMERICAN FLORIST.

ALBERT M. HERR.

Palmer's

Red
Lawson

NOW READY!

SPORT FROM THE FAMOUS
MRS. THOMAS LAWSON

Planted May 18th, in full crop middle of August

ROOTED CUTTINGS:

\$10.00 per 100

\$40.00 per 500

\$75.00 per 1000

Ask your *Brother Florist* if he saw it at the Detroit Carnation Show. Ten to one he will say it's a good carnation to grow. Received **CERTIFICATE OF MERIT** at Detroit Carnation Show—scoring 87 pts.

W. J. Palmer & Son
Lancaster, N. Y.

150,000 FIELD GROWN CARNATIONS.

| | | | |
|------------------------------|-----|--------------------------|-----|
| QUEEN LOUISE, white..... | .06 | FLORA HILL, white..... | .06 |
| ENCHANTRESS, light pink..... | .10 | LORNA, white..... | .06 |
| CHICAGO, red..... | .06 | HARRY FENN, crimson..... | .06 |
| ETHEL CROCKER, pink..... | .05 | WM. SCOTT, pink..... | .05 |
| LIPPINCOTT..... | .05 | ORIOLE, scarlet..... | .05 |
| WHITE CLOUD, white..... | .05 | MERMAID, pink..... | .05 |
| PROSPERITY, variegated..... | .06 | DOROTHY, pink..... | .05 |

J. L. DILLON, Bloomsburg, Pa.

TO CLOSE OUT.
Field-Grown Carnation Plants.

We offer the following at \$40.00 per 1000. Guaranteed all first size plants:

6000 LAWSON. : 1000 COV. WOLCOTT, NEW
1000 MORNING GLORY, 1000 WHITE CLOUD.

WILL BE SHIPPED FROM HINSDALE.

BASSETT & WASHBURN, Chicago.

Store: 76-78 Wabash Ave., Chicago.

Greenhouses: HINSDALE, ILL.

FIELD GROWN CARNATIONS

| Large vigorous healthy plants. | Per 100 | 1000 |
|--------------------------------|---------|---------|
| Wolcott..... | \$5.00 | \$45.00 |
| Prosperity..... | 5.00 | 45.00 |
| Palmer..... | 5.00 | 45.00 |
| Flora Hill..... | 4.50 | 40.00 |
| Joost..... | 4.50 | 40.00 |
| White Cloud..... | 5.00 | |
| Mary Wood..... | 4.50 | |
| Higinbotham..... | 4.50 | 40.00 |
| Lawson..... | 6.00 | |

ROSE PLANTS.

| | |
|----------------------------------|-------|
| 3½-inch Gate and Bridesmaid..... | 30.00 |
| 2½-inch Golden Gate..... | 20.00 |

STEVIA, 2½-inch..... 18.00

A few thousand 'MUMS, 2½-inch..... 18.00

POEHLMANN BROS. CO., Morton Grove, Ill.

—EARLY NEW—

ROSE CUTTINGS.

Of very best wood, following varieties: La Detroit, Gen. MacArthur, Pres. Carnot, Belle Siebrecht, Perle, La France, Bride, Bridesmaid and Wootton. Write

GEO. A. KUHL, Pekin, Ill.

Carnation Plants.

Fine Large and Healthy Field-Grown Plants. Extra Good. \$5.00 per 100; \$45.00 per 1000.

Terms cash at these prices.

1,000 Scott, 500 Glacier,
500 Flora Hill, 500 Morning Glory.
500 Marquis. If sold alone \$6.00 per 100.
600 Crane,

J. C. RENNISON, Sioux City, Ia.

Please mention the American Florist when writing.

Joost Carnation Plants.

From field, \$3.00. English Ivy, 2-in., \$2.00 per 100. Cash or C. O. D.

J. H. DANN & SON, Westfield, N. Y.

ALWAYS mention the AMERICAN FLORIST when writing to advertisers.

Begonia Gloire de Lorraine.

| | | | |
|-----------------------------------------------------------|-----------------|------------------------|------------------|
| 5-inch pots, very strong stock..... | Per doz. \$6.00 | 7-inch specimens | Per doz. \$12.00 |
| 6-inch pots, extra heavy plants..... | 9.00 | 8-inch specimens..... | 18 00 |
| 4-inch pots, only a few hundred left, per 100.....\$30.00 | | | |

PANDANUS VEITCHII.

| | | | |
|----------------------------------|------|----------------------------------|--------|
| 12 inches high, each..... | .75c | 24 inches high, each..... | \$1.25 |
| 18 to 20 inches high, each | .90c | 25 to 28 inches high, each | 2.00 |

All of this stock are finely colored and shapely plants.

ADIANTUM FARLEYENSE.

| | | | |
|-------------------------------------|---------|-----------------------------------------|---------|
| 2½-inch pots, strong, per 100 | \$15.00 | 4-inch pots, fine plants, per 100 | \$35.00 |
|-------------------------------------|---------|-----------------------------------------|---------|

CIBOTIUM SCHIEDEI, each.....\$1.25

5 Per Cent Discount for Cash with Order Only.

J. A. PETERSON,

Cincinnati, O.

Please mention the American Florist when writing.

BARGAINS FOR OCTOBER.

ASPARAGUS PLUMOSUS NANUS.

| | | | |
|----------------------------------------------------------------------------------------------------------------------------|----------------|------------------|--|
| Extra Strong Seedlings will make 2-inch stock in 4 weeks, special price per 100 by mail, \$1.50; per flat of 10.0 \$14.00. | | | |
| Strong 2-inch pots | Per 100 \$2.00 | Per 1000 \$18.00 | |
| Strong 2½-inch pots | 4.00 | 25.00 | |
| Asparagus Sprengeri, 2½-inch pots | 3.00 | 25.00 | |
| Asparagus Comorlensis, 2-inch pots | 3.40 | 25.00 | |
| Cinerarias, best mixed 2½-inch pots | 4.00 | 30.00 | |
| Chrysanthemums, bushy plants in 6-inch pots, all colors, best kinds, \$4.00 per dozen. | | | |

Celestial or Christmas Peppers. Will make fine plants for Thanksgiving.

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| Strong 5-inch pot plants full of green fruit.....doz., \$1.50; per 100, \$10.00. | |
| Strong 6-inch pot plants full of green fruit.....doz., 2.00; per 100, 15.00. | |
| Carnations, large field plants. Cressbrook, per 100; \$4.00; Indianapolis, per 100; \$8.00; Mrs. Patten, per 100, \$8.00 | |
| Dahlias, 5 Grand New Sorts, undivided field roots, per doz., \$3.00 Katherine Duer, Kriemhilde, Progenitor, Rakete, 20th Century. 25 dahlias all new, one of each kind, own selection, field roots for \$5.00. Per doz. Per 100 | |
| Flous Elastica, 5-in pots, perfect plants, 18 to 20 inches.....\$4.25 | \$35.00 |
| 6-inch pots, perfect plants, 20 to 24 inches..... | 6.00 50.00 |
| Primula Buttercup, strong 3-inch..... | 1.50 10.00 |
| Primula Chinensis, Assorted, strong 2½-inch..... | 3.00 |
| Ferns, Assorted, 2-inch for fern dishes, per 100 \$3.50; per 1000, \$30.00. | |
| Also a large stock of Araucarias and Palms in all kinds and sizes. Write for our special Palm List. | |

Boston Ferns.

NEPHROLEPIS EXALTATA BOSTONIENSIS.

We have the finest stock in the West. All our plants are pot-grown bushy stock, well furnished with fronds from the pot up, and cannot be compared with the cheap, long-drawn-up, lifted stock from the hench. A sample shipment will convince you of our superior stock. STOCK READY LAST OF AUGUST.

| 2½-inch pot plants..... | Each | Per doz. | Per 100 |
|-------------------------|--------|----------|---------|
| 3 " " " | \$.50 | \$ 4.00 | |
| 4 " " " | 1.10 | 8.00 | |
| 5 " " " | 2.50 | 20.00 | |
| 6 " " " | .50 | 5.00 | 40.00 |
| 6 " pans " | .75 | 7.00 | 50.00 |
| 7 " " " | 1.00 | 9.00 | 65.00 |
| 8 " " " | 1.50 | 15.00 | |

THE NEW FERN

Nephrolepis Scottii.

We have a large stock of this new fern; well-grown pot plants.

| | Per doz. | Per 100 | | Per doz. | Per 100 |
|------------------|----------|---------|------------------|----------|----------|
| 4-inch pots..... | \$5.00 | \$40.00 | 6-inch pots..... | \$15.00 | \$100.00 |
| 5 inch pots..... | 8.00 | 60.00 | 7-inch..... | 18.00 | |

CHICAGO, VAUGHAN'S GREENHOUSES, Western Springs, Ill.

Please mention the American Florist when writing.

Carnation Plants.

| | |
|--------------------------------------|------------------|
| 4,000 NORWAY..... | Per 1000 \$35.00 |
| 3,000 GLACIER..... | 35.00 |
| 1,500 FLORA HILL, medium..... | 35.00 |
| 500 WHITE CLOUD..... | 35.00 |
| 500 MORNING GLORY..... | 35.00 |
| 1,000 N. YORK, extra fine..... | 35.00 |
| 1,500 MRS. FISH & R, extra fine..... | 35.00 |

CRABB & HUNTER, Grand Rapids, Mich.

We Are Selling Agents

—FOR—

GIBSON BEAUTY and WHITE SWAN CARNATIONS
Shall be pleased to have you correspond with us
in regard to prices. Write

GEO. A. KUHLE, Pekin, Ill.

Chicago Carnation Co.
Joliet, Illinois.

Carnations.

Extra large clean stock. LAWSON, LOUISE, WHITE CLOUD, PROSPERITY, FLORIANA and ESTELLE, at 4¼c or \$4.00 per 1000. ASPARAGUS SPRENGERI, own stock in fine shape, 2-inch at 2c; 2½-inch at 3c.

W. W. COLES, Kokomo, Ind.

CARNATION PLANTS.

All sold except 1000 Flora Hill, 200 Morning Glory, 50 Gomez. \$3.50 per 100. \$30.00 per 1000 as long as they last. They are fine stock.

W. H. WATSON, Lapeer, Mich.

AI CARNATIONS.

| | |
|--------------------|-------------------|
| LAWSON.....4c | MARQUIS.....3c |
| FLORA HILL.....3c | CRANE.....3c |
| WHITE CLOUD.....3c | PROSPERITY.....3c |

None better at twice the price

FRANK BERRY, Stillwater, Minn.

Please mention the American Florist when writing.

Chrysanthemums.

Stock plants now ready. Large strong and healthy. Glory of Pacific, Polly Rose, Willow Brook, Ivory, Pink Ivory, \$1.00 per doz.; \$6.00 per 100. Monrovia, Robt. Halliday, \$1.00 per doz.; \$7.00 per 100.

Engagements solicited for rooted Carnation Cuttings. Delivery January 1st and later.

H. WEBER & SONS, Oakland, Md.

Please mention the American Florist when writing.

AMERICAN BEAUTIES.

Cut Roses—American Beauties and all kinds of Tea Roses at lowest prices. Trial orders solicited.

HELLER BROS., New Castle, Ind.
South Park Floral Company

CARNATIONS.

| | Per 100 |
|--------------------------|---------|
| 1,000 Enchantress..... | \$8.00 |
| 3,000 Morning Glory..... | 5.00 |
| 1,000 Lawson..... | 5.00 |
| 500 Estelle..... | 5.00 |
| 500 Glacier..... | 4.00 |

—Cash With Order.—

ELI CROSS, Grand Rapids, Mich.

Newport, R. I.

Business has picked up the past week with both seedsmen and florists and we all feel better, for it has been very dull for many weeks. Bulbs are selling better than last year at this time and this has nothing to do with the selling prices, for they are just the same as a year ago; tulips are 20, hyacinths 65 and crocus 10 cents per dozen for the common mixtures. The summer business of the Bellevue avenue florists being over, the winter stores in the business section of the city now make the prices, and as would naturally be supposed very close rates are made for cut flowers. The weather having come colder the market is ruling steady. Chrysanthemums are now good and it helps greatly as the customers were getting impatient for a change. Plants are going very well as everyone is now fixing up his windows for the winter. As usual, rubbers and Boston ferns sell the best. The weather continues superb, cool, but no hard frosts as yet.

The regular meeting of the Newport Horticultural Society was held last Wednesday evening with President James J. Sullivan in the chair, and Secretary David McIntosh on hand. The attendance was good and the meeting prompt in getting to work. William J. Matson, gardener to Miss Alice Keteltas, was elected a member of the society. It was voted to hold the annual ball December 2, and the arrangements were left to the executive committee. A letter was received from James Garthley, gardener to H. H. Rogers at Fairhaven, Mass., inviting the members of the society to visit him a little later in the season and see his chrysanthemums at their best. M. B. Faxon was awarded a prize of \$300 for a collection of cactus, decorative, show and pompon dahlias. After many matters of much importance were settled the meeting adjourned to the first Wednesday in November.

Leikens has rented for the summer season of 1905 the store at 110 Bellevue avenue which he occupied the past summer. Mr. Leikens is now filling all his Newport orders from his New York establishment, 7 East Thirty-third street.

H. L. DeBlois, the seedsman, and his wife, have been taking a southern trip, going as far south as Norfolk, Va.; it was Mr. DeBlois' vacation, and he reports a most enjoyable trip.

The Rhode Island Agricultural College, through its extension work, is planning to make special efforts this fall and winter to increase its usefulness by sending members of its faculty to any part of the state where needed to deliver lectures on various horticultural subjects.

Cosmos is just coming into full bloom here; everyone is complaining regarding its being so late this season to flower. It is splendid though and finds many customers at 50 cents per bunch of about fifty flowers.

GREENVILLE, ILL.—Mrs. Lavina Abbott has offered to donate a lot with south exposure to anyone who will build a greenhouse on the site, there being none in this city.

HOLYOKE, MASS.—John L. Connor has sold to the city a lot at the corner of Pearl street and Madison avenue. A. D. Brown and Whitcomb & Pearsons have also sold to the city a large tract near North Pleasant street. These purchases aggregate a total of about fourteen acres and will doubtless be used eventually as a park.

If You Want the **BEST** Commercial **SCARLET** Carnation Buy

...CRISIS...

Cuttings ready January, 1904. \$2.00 per doz.; \$12.00 per 100; \$100.00 per 1000; \$95.00 per 1000 in 5,000 lots. Prices on larger quantities on application.

DAVIS BROS. CO.,

BLOOMSBURG, PA.

Asparagus Plumosus Nanus

| | Per 1000 |
|-----------------|----------|
| 2 1/4-inch..... | \$15.00 |
| 2 1/2-inch..... | 18.00 |
| 3-inch..... | 22.00 |

Cash. Express prepaid. 250 at 1000 rates.

CALIFORNIA CARNATION CO.,

LOOMIS, CALIFORNIA.

CARNATIONS

Fine Healthy Field-Grown
Plants. No Stem Rot.

| | Per 100 | Per 1000 |
|---------------------------|---------|----------|
| LAWSON, pink..... | \$4.00 | \$35.00 |
| GUARDIAN ANGEL, pink..... | 3.00 | 25.00 |
| HIGINBOTHAM, pink..... | 4.00 | 35.00 |
| FLORA HILL, white..... | 3.00 | 25.00 |
| QUEEN LOUISE, white..... | 4.00 | 35.00 |

GEO. REINBERG,

51 Wabash Avenue,

CHICAGO.

New Carnation WM. PENN.

A pink that will supersede Scott, Joost, Florida and Nelson. A very pleasing shade of pink, with enough petals to make a perfect flower, yet not enough to burst the calyx. If there is such a thing as a non-bursting calyx, this one has it.

A Companion to, not a rival of "FIANCEE,"

Send For List.

PRICE, \$10.00 PER 100; \$75.00 PER 1000.

ALBERT M. HERR, Lancaster, Pa.
F. L. KOHR, Lancaster, Pa., R. F. D. No. 3.

FRED BURKI

Is the new commercial white carnation worthy of your attention. Has scored 88 points at the Detroit Carnation Convention, receiving a certificate of merit. Send for descriptive circular.

John Murchie, S. S. Skidelsky,
SHARON, PA. 824 N. 24th St., Philadelphia.
Please mention the American Florist when writing.

Field-Grown

Carnations

It Has Been a Good Growing Season
With Us and Plants are in Fine
Shape, Strong and Bushy.

| WHITE. | Per 100 | 1000 |
|-------------------|---------|-------|
| FLORA HILL..... | 3.50 | 30.00 |
| Peru..... | 3.50 | 30.00 |
| Queen Louise..... | 3.50 | 30.00 |

| PINK. | | |
|------------------------|--------|---------|
| Mrs. T. W. Lawson..... | \$6.00 | \$50.00 |
| Mrs. Nelson..... | 3.50 | 30.00 |
| Mrs. Higinbotham..... | 3.50 | 30.00 |
| Guardian Angel..... | 3.50 | 30.00 |
| McKinley..... | 3.50 | 30.00 |

| RED. | | |
|------------------|------|-------|
| Chicago..... | 3.50 | 30.00 |
| Mrs. Ine..... | 3.50 | 30.00 |
| Estelle..... | 6.00 | 50.00 |
| Harlowarden..... | 4.50 | 40.00 |

| VARIEGATED. | | |
|-----------------|------|-------|
| Mrs. Bradt..... | 3.50 | 30.00 |

All Stock sold under express condition
that if not satisfactory it is to be returned
immediately, when money will be refunded.

PETER REINBERG,

51 Wabash Ave., CHICAGO.

GREEN FLY KILLED FOR YEARS.

MIDDLEBORO, MASS.

I have used your Fumigating Powder to
destroy green fly several years, and find it the
most convenient and effective fumigator I
have used.

C. D. KINGMAN.

See page 556.

GERANIUMS..

Rooted Cuttings.

BUCHNER PERKINS { Surplus of these two varieties ready now at \$1.25 per 100; \$10.00 per 1000.

Send for complete list. All good bedding sorts. Cuttings well-grown and carefully packed.

ALBERT M. HERR,
LANCASTER, PA.

STANLEY & CO.,
Late STANLEY ASHTON & CO.,
SOUTHGATE, ENGLAND.

The live British Orchid growers and importers supply plants singly or by thousands with equal pleasure. Write for quotations and American testimonials. Brazilian species in bulk shipped direct from Brazilian port. Hybrids a great specialty.

Special Offer Xmas Flowers.

CYPRIPEDIUM TEXANUM, 3 to 4 strong growths, \$62.50 per 100. Wire Odontoglot, London, Nero.
DENDROBIUM WARDIANUM, 6 to 10 bulbs, \$62.50 per 100. Wire Odontoglot, London, Jove.

—CABLE AT ONCE.—

Palms and Asparagus Cheap.

| | Per 100 |
|------------------------------------------------------|---------|
| Latania Bor. , 2-in. pot, seed leaves.. | 3.00 |
| " " 3-in. pot, 15-18 in., 2-3 chr. lvs. | 12.00 |
| " " 5-in. pot, 18-20 in., 3-4 chr. lvs. | 15.00 |
| " " 5-in. pot, 20-24 in., 4 chr. lvs. | 20.00 |
| Kentia Bel. , 2½-in. pot, 6-8 in., 2 leaves.. | 10.00 |
| " " 3-in. pot, 8-10 in., 3-4 leaves.. | 12.50 |
| " " 4-in. pot, 12-15 in., 4-5 leaves.. | 16.00 |
| Asparagus Sprengeri , 2-inch..... | \$2.00 |
| Asparagus Plumosus Nanus , 2-inch..... | 2.50 |
| " " 3-inch..... | 5.00 |

SHERMAN NURSERY CO.,
CHARLES CITY, IA.

Fern Bargains

Our stock of the following ferns is exceptionally fine, of deep rich green color and bushy. Early orders receive select plants.

Neph. Bosloniensis, **Neph. Piersoni**,
Neph. Cordata Compacta.
From 4-inch pots.....\$15.00 per 100.

NATHAN SMITH & SON,
Adrian, Mich.

Please mention the American Florist when writing.

Your Last Chance.

Don't miss this opportunity of securing the following stock. Guaranteed first-class in every respect at half price. We need the room.

BOSTON FERNS. Clean and healthy. From 5-inch pots, \$3.00 per dozen; \$20.00 per 100. 25 at 100 rate.

ASPARAGUS PLUMOSUS NANUS. Fine plants from 2½-inch pots, \$2.00 per 100; \$19.00 per 1000.

ASPARAGUS SPRENCERI. Nice 2½-inch plants, \$1.25 per 100; \$12.00 per 1000.

The W. T. Buckley Plant Co.
SPRINGFIELD, ILL.

Please mention the American Florist when writing.

A FEW GOOD THINGS YOU WANT.

KENTIA PALMS, a fine lot of single and made-up plants as was ever grown. 4, 5, 6, 7, 8-inch pots, at 20c, 35c, 75c, \$1.50 to \$3.00 each.

BOSTON FERNS, 5-inch, \$30 per 100.
DRACAENA INDIVISA, 2, 3, 4, 5-inch, \$2, \$5, \$10 and \$25 per 100.

ASPARAGUS PLUMOSUS, 2 and 3-in., \$4 and \$8 per 100.

ASPARAGUS SPRENCERI, 2 and 3-in., \$3 and \$5 per 100.

GERANIUMS, rooted cuttings, Poitevine, Mrs. E. G. Hill, Riccard, John Doyle, Perkins, \$1.25 per 100. S. A. Nutt, single and double Grant, La Favorite, \$1.00 per 100.

CHINESE PRIMROSE, 3-in., \$4.00 per 100.

BEGONIA REX, 2-in., \$4; 2½ and 3-in., \$6 per 100.

CINERARIAS, 2-inch, \$2.00 per 100; 3-inch, \$4.00 per 100.

CYCLOMENS, Giant, 4-inch, 10c; 5-inch 25c.

CARNATIONS, field-grown, 4-inch pots, Good-enough, Crocker and Queen Louise, \$4.00 per 100.

PRIMULA OBCONICA, 2-inch, \$2.00 per 100.

CASH OR C. O. D.

GEO. M. EMMANS, NEWTON, N. J.

PANSIES.

200,000 Extra Strong Stocky Plants.

Giant of best sorts, equal to any, \$2.50 per 1000; \$4.50 per 2000.

PIERSON FERNS

Bench, 4-inch, 15c. 5-inch, 25c.

DOUBLE ALYSSUM, 2-inch, 2c.

BABY PRIMROSE, in bloom, 2-inch, 1½c.

RUBBERS, 5-inch, 35c. Top grown.

COREOPSIS LANCEOLATA, field-grown, 2c.

DAISIES, Snowball, Longfellow, Giant Red, \$3.00 per 1000.

FORGET-ME-NOTS, 3 varieties, \$3.00 per 1000.

ASP. PLUMOSUS NANUS, 2-inch, 2½c.

ASP. SPRENCERI, 2-inch, 2c.

HOLLYHOCKS, Double Yellow, White, Pink, Maroon, Salmon, Red, 1-year, field-grown, \$3.00 per 100; \$25.00 per 1000.

—CASH—

BYER BROS., Chambersburg, Pa.
Please mention the American Florist when writing.

500,000 Pansy Plants

Samples mailed for 5c.

FLORISTS' INTERNATIONAL. Transplanted, strong, \$5.00 per 1000; seed-bed plants, \$4.00 per 1000.

GIANT. Mixed and separate colors, \$3.00 and \$2.50 per 1000. Other seedling perennial plants, 35c per 100. Cash.

GERANIUMS and bedding plants. All A1 quality true to name.

Want to book your orders.

LUDVIC MOSBAEK, Onarga, Ill.

GERANIUMS.

S. A. Nutt and La Favorite, 2½-inch pots, \$1.50 per 100. Fine stock.

BOSTON FERNS.....

From bench, strong runners, \$2.00; 4-inch, \$8.00; 5-inch, \$10.00 per 100. CASH.

F. E. BONHAM, - Macomb, Ill.

Poinsettias.

| | Per 100 |
|-------------|-------------------|
| 3-inch..... | \$ 8.00 |
| 4-inch..... | 15.00 |
| 5-inch..... | \$20.00 and 25.00 |
| 6-inch..... | \$30.00 and 35.00 |

Strong plants. Satisfaction guaranteed.

Cash with order.

BAUR FLORAL COMPANY, Erie, Pa.

SAN MATEO, CAL.—October 28 and 29 are the dates for the floral exhibition to be held here under the auspices of the Women's Auxiliary Civic club. The premium list includes chrysanthemums, roses, carnations, dahlias, potted plants and decorations.

A Step in the Right Direction. We Protect the Florists by Selling to the Trade.

HEADQUARTERS FOR

AURACARIA EXCELSA

April importation only. Have an immense stock; can supply all wants. No seedlings. Raised only from top cuttings in Belgium.

5¼-inch pots, bushy plants, 10 to 12-inches high, 3 tiers, 50c.

5½-inch pots, 13 to 15 inches high, 3 to 4 tiers 60c.

5¾ to 6-inch pots, 17 to 19 inches high, 3, 4 and 5 tiers, 75c.

6-inch pots, 20, 22, 24 inches high, 4, 5 and 6 tiers, 80c, 90c and \$1.00 each.

GREAT BARGAINS IN KENTIA PALMS.

4000 KENTIA FORSTERIANA, 3-inch pots, made-up plants, 3 in a pot, 16 to 18 inches high, 8 to 10 leaves, 15c each by the dozen; per 100, \$12.00; per 500, \$50.00. 4-inch pots, made-up, 20c.

KENTIA FORSTERIANA and **BELOMOREANA**, 6-inch pots, 5 to 7 leaves, 30 to 40 inches high, 75c to \$1.00 each.

KENTIA FORSTERIANA, made-up plants, 7-inch pots, 40 to 48 inches high, with 6 smaller, about 18 to 20 inches high, set around, \$1.50 each.

COCOS WEDDELLIANA, 3-inch pots, very strong, \$12.00 per 100.

ASPARAGUS PLUMOSUS NANUS, 3-in. pots, strong, \$6.00 per 100; 4-inch pots, \$12.00 per 100.

FICUS ELASTICA, (Home Grown Rubbers,) 5, 5½, 6-inch pots, from 10 to 17 leaves, 16 to 27 inches high, 30c, 40c, 50c each. Specimens in 6 and 7-inch pots, very strong and bushy, 30 inches high, 75c each.

ARECA LUTESCENS, made-up plants, 3 in a pot, 6-inch, 30 to 35 inches high, 75c; 5½-inch pot, 30 inches high, 3 in a pot, 50c; 5-inch, 25 to 30 inches high, 3 in a pot, 30c.

LATANIA BORBONICA, 6 inch pots, 50c.

PIERSONI FERNS, 5 to 6-inch pots, 35 to 50c. No more 4 inch.

BOSTON FERNS, 5 to 5½-inch pots, 25c, 30c and 40c. 6 inch pots, 18 to 20 fronds, 50c. Specimen 7-inch, very large, 75c to \$1.00 each. 8-inch pots, as large as a bushel basket, \$1.25 to \$1.50 each; worth \$3.00.

MIXED FERNS, for dishes, very straight plants, 2½-inch pots, \$5.10 per 100.

ACORUS GRAMINEUS, variegated grass, for dishes, \$1.00 per dozen.

PRIMULA CHINENSIS, for Xmas blooming, John Rupp's strain, 4-inch pots, \$8.00 per 100.

ADANTUM CUNEATUM, 4-inch pots, \$10.00 per 100.

SOLANUM, Jerusalem Cherries, full of fruit, 6-inch pots, \$1.00, \$2.50 to \$3.00 per dozen.

CAPSIUM ANNUM or **CHRISTMAS PEPPER**, in fruit, 5-inch pots, \$2.00 per dozen.

Per steamer Switzerland, just arrived 30 cases of **AZALEA INDICA**, choice American varieties, from 40c, 50c, 60c, 75c and \$1.00 each. I am noted for carrying the finest Azaleas.

PLEASE READ one of 100 different testimonials.

CINCINNATI, O., Sept. 29, 1904.

MR. GODFREY ASCHMANN.

Dear Sir:—Many thanks for the prompt delivery, and for the fine stock. The plants arrived all right and were very satisfactory. The palms were very nice and were packed securely. We are also greatly obliged for the price list of plants for Christmas and should we desire to buy any we would surely call upon you.

HOFFMEISTER FLORAL COMPANY,
813 Elm Street, Cincinnati, O.

Cash with order please. All goods travel at purchasers' risk.

Godfrey Aschmann,

Wholesale Grower and Importer of Pot Plants.

Bell Phone Tioga 3600 A.

1012 Ontario St., Philadelphia, Pa.

Please mention the American Florist when writing.

GIANT PANSIES, Best kinds. Sure to please, \$2.25 per 1000; 50c per 100 mail. 2½ and over \$2 per 1000.

Daisies, Longfellow and Snowball, 50c per 100 mail; \$2.50 per 1000.

Hollyhocks, Double, field-grown plants to bloom next summer, mixed, 3c.

Hardy Pinks, field-grown stock, nice size, 2½c. **Double Petunias**, 12 line sorts, strong 2-in., 2c. **Rooted Cuttings**, 4c. **Baby Primrose**, fine stock, 2-in., 1½c. **Heliotrope**, blue, 2 in., 1½c. **R. C.**, 2c. **Asparagus Sprengeri**, 2-in., 2c. **Plumosus Nanus**, 1½-in., 2c; 3-in., 5c. Rooted cuttings prepaid. Cash.

BYER FLORAL COMPANY, Shippensburg, Pa.

Please mention the American Florist when writing.

Indianapolis.

The S. F. A. I. will give the usual fall exhibition in connection with the November meeting. These fall trade shows seem to become more popular every year. In soliciting for a premium list everybody responded handsomely. Prizes will be awarded for the best of each color in roses, carnations and chrysanthemums, besides certificates of merit which will be awarded to novelties. Premiums will also be awarded to violets, American Beauty roses and best display of blooming pot plants. The committee also expects special premiums. All premiums and details will be published next week.

Ed. Bertermann and family have returned from Europe. Mr. Bertermann saw everything that was to be seen and added twenty-three pounds to his weight.

Smith & Young's ten thousand violet plants are looking fine. If things keep on as they are now this will be the eighth successful year of their violet culture.

Mr. Conway's new houses and boiler shed are now ready for business. Mrs. Conway is attending the World's Fair.

Bertermann Brothers received a shipment of Hill's rose novelties which are fine.

Lowell, Mass.

In the last two weeks we have been having excellent weather for producing blooms, in fact, we have had so much sunshine of late that it has caused an abundance of stock, at the same time making itself felt in the way of fetching down some of the fancy prices that were being asked previously to this unusual warm spell. Chrysanthemums are now having full sway, the earlier varieties having all disappeared, and the more stately ones taken their places. Ivory, and Robinson are the ones that are now looming up in some of the shop windows. Owing to the large influx of chrysanthemums, the carnations have suffered in the way of bringing in good figures. Carnations that brought 3 cents ten days ago now bring 1½ cents.

Harvey B. Green had his annual opening the past week. The houses were all dressed up in their best and at night looked especially grand when the lights was turned on.

John McManmon is fighting tooth and nail for a reelection to the House of Representatives.

Whittet & Company had charge of the Farrington-Hayton wedding the past week.

VIOLETS.

We make a specialty of VIOLETS. ❀ ❀ ❀

ELI CROSS, Grand Rapids, Mich.

PANSY PLANTS PANSY PARK PERFECTION.

A new strain and the best ever offered. Flowers of the largest size, most perfect form and greatest variety of rich and rare colors and markings. Every variety worth growing is in this strain, and they were grown from seed especially selected from the finest flowers of each sort. Fine stocky, field-grown plants, seed bed box sowed thinly, all varieties mixed, \$3 per 1000; 500, \$1.75; 250, \$1, by express; 65c per 100, by mail, postpaid. Cash with order. Pansies a specialty 30 years.

L. W. CODELL, Pansy Park, Dwight, Mass.

It is good business policy to mention the

American Florist

.....when writing to an advertiser.

Asparagus

Plumosus Nanus Seedlings. Strong plants ready for 2-inch pots, \$12.00 per 1000 prepaid.

Drake Point Greenhouses,
YALAHUA, FLORIDA.

PALMS, FERNS

AND

Decorative Plants.

R. DREYER, Woodside, L. I., N. Y.

ASPARAGUS SPRENGERI.

All Nice, Healthy, Thrifty Plants.

2½-inch pots.....\$1.00 per 100; \$ 8.00 per 1000
3-inch pots..... 2.00 per 100; 18.00 per 1000
4-inch pots..... 3.00 per 100; 25.00 per 1000

—Cash with the order.—

F. WALKER & COMPANY,
Box 316, NEW ALBANY, IND.

SPECIALTIES

ROSES, from 3-inch pots,
CARNATIONS, for all delivery,
CHRYSANTHEMUMS,
SMILAX, VIOLETS.

In Best
Varieties

Prices Low. Send for List.

WOOD BROTHERS, Fishkill, N. Y.

Cheap Bostons and Foster

Extra strong, well rooted runners for 2½ and 3-inch pots, \$10 and \$15 per 1000.
Foster, \$2.00 per 100.

THE AVENUE FLORAL CO.

3442 St. Charles Ave., NEW ORLEANS, LA.

THE
Gardeners' Chronicle.

A Weekly Illustrated Journal.

ESTABLISHED 1841.

The GARDENERS' CHRONICLE has been for over SIXTY YEARS the LEADING JOURNAL of its class. It has achieved this position because, while specially devoting itself to supplying the daily requirements of gardeners of all classes, the information furnished is of such general and permanent value that the GARDENERS' CHRONICLE is looked up to as the STANDARD AUTHORITY on the subjects of which it treats.

Subscription to the United States, \$4.20 per year. Remittances to be made payable to H. G. COVE.

OFFICE—

41 Wellington St., Covent Garden, London, England

NICKEL PLATE.
The New York, Chicago & St. Louis R.R.

NO
EXCESS
FARE
ON ANY
TRAIN

Three Express Trains East every day in the year. Pullman Drawing Room Sleeping Cars on all Trains. Trans-Continental Tourist Cars leave Chicago Tri-Weekly on Tuesdays and Sundays at 2:30 p. m., on Wednesdays at 10:35 a. m. Chicago to Boston without change. Modern Dining Cars serving meals on individual club plan, ranging in price from 35c to \$1.00; also service a la Carte, Coffee and Sandwiches, at popular prices, served to passengers in their seats by waiters. Direct line to Port Wayne, Findlay, Cleveland, Erie, Buffalo, Rochester, Syracuse, Washington, Scranton, New York City, Boston and all points East. Rates always the lowest. Colored porters in uniform in attendance on all Coach Passengers. If you contemplate a trip East, call on any convenient Ticket Agent, or address J. JOHN Y. CALAHAN, Gen'l Agent, 113 Adams St., Chicago, Ill.

Boston Ferns

Nice, clean stock, from 2½-inch pots, \$5.00 per 100; 3-inch pots, \$8.00 per 100. Cut from the bench, suitable for 4-inch, 5-inch, 6-inch pots, at \$15.00, \$20.00 and \$25.00 per 100.

ARAUCARIA EXCELSA, 5-inch pots, 3 to 4 tiers, 50c each, or \$5.00 per doz.

Ocean Park Floral Co.,

E. J. VAWTER, Pres. OCEAN PARK, CAL.

ASPARAGUS

Plumosus Nanus, 2½-inch pots, per 1000, \$15.00; per 100, \$2.00.

Pansy Plants.

Large flowering, per 1000, \$2.50; per 100, 60c. Cash.

JOS. H. CUNNINGHAM, Delaware, O.

BOSTON FERNS.

Extra fine stock, cut from bench now ready for 5, 6, 7 and 8-inch pots at \$25.00, \$50.00, \$75.00 and \$100.00 per 100. KENT'S RUBBERS, ASPARAGUS PLUMOSUS NANUS. Cash or reference please.

L. H. FOSTER, 45 King St., DORCHESTER, MASS.

TRIED BEFORE BUT FAILED.

CATSKILL, N. Y.

Please freight me 100 lbs. Fumigating Kind. I find it far ahead of anything I ever tried; it does the work and I am using nothing else.

HENRY HENSON.

See page 556.

BOSTON FERNS.

4-inch, \$15.00; 5-inch, \$25.00; 6-inch, \$40.00; 7-inch, \$60.00; 8-inch, \$75.00 per 100. Any number at these prices. All short bushy pot-grown plants that are sure to please.

DAVIS BROS., MORRISON, ILL., and GENEVA, ILL.

Asparagus Plumosus Nanus.

Strong 2½-inch plants, \$2.00 per 100; \$20.00 per 1000. 3-inch, \$3.50 per 100; \$30.00 per 1000.

New crop Shasta Daisy Seed, trade pkt., 25c; 1 oz., \$5.00; 1 lb., \$50.00. Charges prepaid. Terms Cash or C. O. D.

LOOMIS FLORAL CO., Loomis, Cal.

Geo. Wittbold Co.,

1657 Buckingham Pl., CHICAGO, ILL.

Send for Price List on

Palms and Ferns

Boston Ferns.

Strong bushy plants, from bench, ready for 5-inch pots, 20c each.

ASPARAGUS SPRENGERI.

2½-inch, very strong, ready for immediate shift, \$2.50 per 100; \$20.00 per 1000. Cash.

H. N. EATON, So. Sudbury, Mass.

...Directory

PRICE, \$2.00.

OF
FLORISTS
SEEDSMEN
NURSERYMEN

**GOLD
MEDAL
CANNAS
AT
ST.
LOUIS.**

Cannas.

A large quantity of **named Cannas**, best varieties, fine clumps with 15 to 25 eyes as grown by us in the World's Fair Grounds, St. Louis, are to be disposed of.

To be shipped direct from St. Louis. Write for prices to

**VAUGHAN'S SEED STORE,
CHICAGO.**

**GOLD
MEDAL
CANNAS
AT
ST.
LOUIS.**

BOOKS FOR FLORISTS.

The time is coming along when these are needed and opportunity at hand for reading them. Every one of the following should be in your library.

Send prices quoted and we send the books.

GREENHOUSE CONSTRUCTION (Taft).—It tells the whole story about how to build, and heat a greenhouse, be it large or small, and that too in a plain, easily understood, practical way. It has 118 illustrations. \$1.50.

HEATING AND VENTILATING BUILDINGS (Carpenter).—This book covers the entire subject most fully. In the preparation of heating and ventilating plans, it will be found a most valuable guide. \$4.00.

STEAM HEATING FOR BUILDINGS (Baldwin).—Contains valuable data and hints for steam fitters and those who employ this method of heating. The 350 pages are fully illustrated. \$2.50.

THE HORTICULTURIST'S RULE-BOOK (L. H. Bailey).—Contains information valuable to all those engaged in any branch of horticulture. Illustrated. 312 pages. 75 cents.

PRACTICAL FLORICULTURE (Peter Henderson).—A guide to the successful propagation and cultivation of florists' plants. Illustrated. 325 pages. \$1.50.

THE ROSE—Its cultivation, varieties, etc. (H. B. Ellwanger).—A complete guide of the cultivation of the rose, together with the classification of all the leading varieties. \$1.25.

GINSENG (Kains).—At the present time when so much interest is taken in ginseng it will be interesting to peruse this volume, which tells all about the plant in a way that all may understand. The 144 pages are freely illustrated. 50 cents.

THE PRINCIPLES OF FRUIT GROWING (Bailey).—The entire subject of fruit culture is treated very thoroughly in this illustrated volume of 516 pages. It is a book that no up-to-date fruit grower can afford to be without. \$1.25.

CHRYSANTHEMUM MANUAL (Smith).—By an expert who has given his undivided attention for twenty years to the improvement of the chrysanthemum and its culture in detail. Profusely illustrated. 25 cents.

CABBAGES, CAULIFLOWER AND ALLIED VEGETABLES (Allen).—The requirements of the important vegetables of the cabbage tribe are given here very fully. The book also contains interesting chapters on seed raising, insect pests and fungus diseases common to these plants. 50 cents.

AMERICAN FLORIST CO.,

324 Dearborn Street,

CHICAGO.

VIOLETS.

Marie Louise, strong field-grown plants. No insects or disease. \$4.00 per 100; \$35.00 per 1000.

DAVIS BROS., MORRISON, ILL.

VIOLETS.

| | Per 100 |
|---------------------------------|---------|
| MARIE LOUISE, field-grown..... | \$5.00 |
| " " pot-grown, 3-inch.... | 3.00 |
| ASPARAGUS PLUMOSUS, 2½-inch.... | 5.00 |
| " " 3-inch.... | 8.00 |
| FERN PIERSONI, 2-inch..... | 5.00 |
| " " 3-inch..... | 10.00 |
| " " 5-inch..... | 20.00 |

I. N. KRAMER & SON, Cedar Rapids, Iowa.

2,000 Princess of Wales and L. H. Campbell

Fine field clumps, \$5 per 100; \$45 per 1000.

2,000 BOSTON FERNS, grown in full light, stocky, for 5 and 6 inch pots, 15c and 20c.

500 ASPARAGUS PLUMOSUS NANUS and SPRENGERI, 4-inch, fine, 8c. Cash please.

BENJ. CONNELL, West Grove, Pa.

JOSEPH HEACOCK,

WYNCOTE, PA.

—GROWER OF—

Kentia Belmoreana and Kentia Forsteriana

RUDBECKIA.

| | Per 100 |
|------------------------------------------------|---------|
| Extra choice, large clumps..... | \$5.00 |
| Asp. Sprengeri, extra quality, 2½-in. pots.... | 2.00 |
| Asp. Plumosus, extra quality, 2½-in. pots.... | 2.50 |
| Asp. Plumosus, extra quality, 3-in. pots..... | 4.00 |

JOHN BROD, Niles Center, Ill.

FERNS.

We are headquarters in the West for these as well as PLUMOSUS and SPRENGERI. All sizes. Write

GEO. A. KUHL, Pekin, Ill.

THE Regan Printing House

—Large runs of—

CATALOGUES

Our Specialty. Write for Figures.

83-91 Plymouth Place, CHICAGO.

It is good business policy to mention

**The....
AMERICAN FLORIST**

When you write to an advertiser.

Adiantum Cuneatum

From 2-inch pots, fine healthy plants, ready to shift, \$3.00 per 100; \$25.00 per 1000.

Just ready to plant out for cutting this winter.

THE GEO. WITTBOLD CO.,

1657-1659 Buckingham Place,
CHICAGO, ILL.

Please mention the American Florist when writing.

Orchids!

We have on hand the following imported Orchids in finest condition: Cattleya Trianae, C. Gaskelliana, C. Gigas, Odontoglossum grande, O. crispum, (Alexandra), Oncidium Crispum, O. barbatum. Also quantities of established orchids now in sheath and spike.

Lager & Hurrell, SUMMIT, N. J.
Orchid Growers and Importers.

**JOHN BURTON, Assignee for
ROBERT CRAIG & SON,
Roses, Palms,
and Novelties in Decorative Plants.
Market and 49th Sts., Philadelphia, Pa.**

BAYS.

**JULIUS ROEHRS,
RUTHERFORD, N. J.**

CYCLAMEN

SPLENDENS GIGANTEUM HYBRIDS. Finest strain in the world, in four true colors, well budded plants with good foliage, from 5-inch pots, \$3.50 per doz.; \$30.00 per 100. Satisfaction guaranteed.

PAUL MADER, East Stroudsburg, Pa.

Wm. P. Craig, 1224 Cherry St., Philadelphia, Pa.
Representing Joseph Heacock and John Burton, Assignee.
PALMS, FERNS, CROTONS and DECORATIVE PLANTS.

Are all flower growers liars?

Surely this cannot be true. Well, we have over 100 growers who have written us, a large majority without request, their opinions; we publish a few of these letters in the columns of this paper, see on pages 548, 552, 554, 558, 560, what they say about the FUMIGATING KIND TOBACCO POWDER. All began with a five pound trial bag at our expense, which gave them an opportunity, without cost, to prove its GOODNESS and our assertion that it was the most effective, cleanest and quickest, as well as the cheapest (10 cents per 100 foot house) article to fumigate with, and that all kinds of aphids can be killed in one night. Let us send you a five pound trial bag by express, it will cost you nothing but the express charges on it, and be convinced that what your brother growers say of it is true. Our booklet tells of it; we mail it on request.

The H. A. STOOHOFF COMPANY, Tobacco Powder Hobbyists,
116, 117, 118 West Street, NEW YORK.



MODEL EXTENSION CARNATION SUPPORT

Made with two or three circles. Endorsed by all the Leading Carnation growers as the best support on the market.

Pat. July 27, '97, May 17, '98

**GALVANIZED WIRE
ROSE STAKES,**

Write for prices before ordering elsewhere.

Prompt shipment guaranteed

IGOE BROS.,

226 North 9th St.,
BROOKLYN, N. Y.

Please mention the American Florist when writing.

CUT FLOWER BOXES WATERPROOF Corner Lock Style.

The best, strongest and neatest folding cut flower box ever made. Cheap, durable. To try them once is to use them always. Per 100 Per 1000

| Size No. | Q. | 3x 4x20 | ..... | \$2.00 | \$19.00 |
|----------|-----|----------------|-------|--------|---------|
| " | 1. | 3x 4 1/2 x 16 | ..... | 1.90 | 17.50 |
| " | 2. | 3x 6x18 | ..... | 2.00 | 19.00 |
| " | 3. | 4x 8x18 | ..... | 2.50 | 23.00 |
| " | 4. | 3x 8x24 | ..... | 2.75 | 26.00 |
| " | 5. | 4x 8x22 | ..... | 3.00 | 28.50 |
| " | 6. | 4x 8x28 | ..... | 3.75 | 36.00 |
| " | 7. | 6x16x20 | ..... | 5.50 | 54.00 |
| " | 8. | 3x 7x21 | ..... | 3.00 | 28.50 |
| " | 9. | 5x10x35 | ..... | 6.50 | 62.00 |
| " | 10. | 7x20x30 | ..... | 9.50 | 67.50 |
| " | 11. | 3 1/2 x 5 x 30 | ..... | 3.00 | 28.50 |

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

THE LIVINGSTON SEED COMPANY,
BOX 104, COLUMBUS, OHIO.

RAFFIA

SAMPLES FREE.

We carry a large assortment of COLORED RAFFIA GRASS on hand for immediate delivery. Every strand is dyed its entire length.

PRIME QUALITY.

R. H. COMEY CO.

Dyers, Camden, N. J.

Tobacco Dust FOR FUMIGATING.

It would pay large users of dust to communicate with us and get samples and prices.

Edwin L. Koppelman & Co., 81 PINE STREET,
NEW YORK.

BEST ENGRAVINGS and ILLUSTRATIONS

—Of Every Description—

FOR CATALOGUES.

SEE OUR WORK IN THIS PAPER.

SEND FOR ESTIMATES.

GLOBE ENGRAVING and ELECTROTYPE CO.

407-427 Dearborn St., CHICAGO.

ROSSIG BROTHERS,

—MANUFACTURERS OF—

Artificial Leaves.

ALL STYLES IN HUNDREDS OF DIFFERENT DESIGNS. PAPER AND MUSLIN. SMILAX, YARDS and PIQUETS. Samples Furnished to the Jobbing Trade Only.

497 West Broadway, NEW YORK.

ATTENTION!!! Florists.

For WAX FLOWERS, BASKETS, WAX FLORAL DESIGNS, WHEAT SHEAVES, Etc., send to
1928 Germantown Ave.,
J. STERN & CO., Ask for our Illustrated Catalogue. Philadelphia.

L. BAUMANN & CO.,

Importers and Manufacturers of
Florist Supplies

76-78 Wabash Ave., CHICAGO.

Write for our New Catalogue P. Our prices may interest you.

STRAW MATS

6x6 ft., \$17.00 per doz.

WM. ELLIOTT & SONS, New York.

REED & KELLER,

122 West 25th St., NEW YORK.

Importers and Manufacturers of

FLORISTS' SUPPLIES

Galax Leaves and all Decorative Greens.
New York Agents for Caldwell's Monroe, Ala.,
"Parlor Brand" Smilax.



PURE SHEEP MANURE

Dried, Unpulverized and
Pulverized.

—WRITE FOR PRICES.—

MONTANA FERTILIZER CO., Elgin, Ill.

MOLLER'S

Deutsche Gartner Zeitung

The most widely circulated German gardening journal, treating of all departments of horticulture and floriculture. Numerous eminent correspondents in all parts of the world. An advertising medium of the highest class.

Moller's Deutsche Gartner Zeitung is published weekly and richly illustrated. Subscription \$3.00 per annum, including postage. Sample copies free.

LUOVIG MOLLER, Erfurt, Germany.

Let the advertiser know that you take the FLORIST. Then he'll know how he came to get your order.

OUR XMAS BELLS

are the best
and cheapest
in the United
States, not one
kind but all kinds.
Ring out the bells!
Wild bells, all bells.

**WE DON'T KEEP ANYTHING.
WE SELL EVERYTHING in**

Florists' Supplies

YES
We hear
there are others,
but our custom-
ers say the name
"Bayersdorfer"
means **THE BEST**
in Florists' Supplies,
Sheaves, Immortelles,
Wheat Baskets, Doves,
Paper, etc., etc., and you
get them as promptly as
you get them good.....

H. Bayersdorfer & Co.

50-56 N. Fourth St., PHILADELPHIA, PA.

Please mention the American Florist when writing.

THOSE RED POTS

"STANDARDS"

FULL SIZE AND WIDE BOTTOMS.
BULB PANS AND AZALEA POTS.

DETROIT FLOWER POT M'FY.,

HARRY BALSLEY,
Rep.

DETROIT, MICH.,
490 Howard St.,

Please mention the American Florist when writing.

RED POTS

SAMPLE POT AND PRICE LIST
ON APPLICATION.

C. C. POLLWORTH CO., MILWAUKEE,
WIS.....

—WRITE—

A. F. Kohr

1521-23 N. Leavitt St., CHICAGO, ILL.,

FOR PRICES OF

Standard Pots which for
porosity combined are the best on the market.

RED POTS

WE MAKE THEM.

For prices and sample, address the

Colesburg Pottery Co., COLESBURG,
IOWA.

The Florists' Hail Ass'n.

Now insures upwards of 21,000,000 square feet
of glass. For particulars address

John G. Esler, Sec'y.

SADDLE RIVER, N. J.

**BEST
AND
Cheapest**
ALL-ROUNDS
INSECTICIDE
in the Market.

ROSE LEAF
EXTRACT
OF
TOBACCO
INSECTICIDE

For Sale by
Seedsmen.
For Free
Pamphlet
Write to
The Kentucky
Tobacco
Product Co.,
Lexington, Ky.

ALL Nurserymen, Seedsmen and Florists wishing
to do business with Europe should send for the

"Horticultural Advertiser"

This is the British Trade Paper, being read weekly
by all the Horticultural traders; it is also taken
by over 1000 of the best continental houses.
Annual subscription to cover cost of postage 75c;
Money orders payable at Lowtham, Notts.

Address **EDITORS OF THE "H. A."**
Chilwell Nurseries, LOWDHAM, Notts, England.

THE KELLER POTTERY COMPANY,

Manufacturers of FLORISTS' RED STANDARD POTS.

Azalea Pots, Bulb and Fern Pans, Etc.

Write for Price List. 213-15-17-19-21-23 Pearl St., NORRISTOWN, PA.

Standard Flower Pots

The WHILLDIN POTTERY COMPANY,
PHILADELPHIA PA. JERSEY CITY, N. J. LONG ISLAND CITY, N. Y.

Traveling Representative, U. CUTLER RYERSON, 108 Third Ave., Newark, N. J.

STANDARD FLOWER POTS!

Packed in small crates, easy to handle.

| Price per crate | Price per crate |
|------------------------------|-----------------------------|
| 1500 2-in., in crate, \$4.88 | 120 7-in., in crate, \$4.20 |
| 1500 2 1/2 " " 5.25 | 60 8 " " 3.00 |
| 1500 2 3/4 " " 5.00 | |
| 1000 3 " " 5.00 | HAND MADE. |
| 800 3 1/4 " " 5.80 | 48 9-in., in crate, \$3.60 |
| 500 4 " " 4.50 | 48 10 " " 4.80 |
| 320 5 " " 4.51 | 24 11 " " 3.60 |
| 144 6 " " 3.16 | 24 12 " " 4.60 |
| | 12 13 " " 4.80 |
| | 6 16 " " 4.50 |

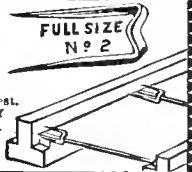
Seed pans, same price as pots. Seed for price
list of Cylinders for Cut Flowers, Hanging Baskets
Lawn Vases, etc. Ten per cent off for cash with
order. Address

HILFINGER BROS. POTTERY, Fort Edward N. Y.
Or AUGUST ROLKER & SONS, New York Agents,
31 Barclay Street New York City

**Holds Glass
Firmly**
See the Point **45°**
PEERLESS

Glazing Points are the best.
No rights or lefts. Box of
1,000 points 75 cts. postpaid.

HENRY A. DREER,
714 Chestnut St., Phila., Pa.



Standard POTS

If your greenhouses are within 500
miles of the Capitol, write us, we
can save you money.....

W. H. ERNEST,

28th and M Streets, WASHINGTON, D. C.
Please mention the American Florist when writing



GEO. KELLER & SON,
MANUFACTURERS OF
FLOWER POTS.

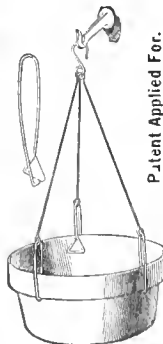
Before buying write for prices.

361-353 Herndon Street,
near Wrightwood Ave.,
CHICAGO, ILL.



Please mention the American Florist when writing.

Kramer's Pot Hanger



The neatest, simplest, most
convenient and only
practical device for convert-
ing ordinary flower pots into
hanging baskets. They fit
all standard made pots from
2 to 10 inches in diameter.
The illustration shows how
they are attached. Just the
thing for hanging up ferns,
begonias, etc. You can make
room and money by their
use. Try them.

FOR SALE BY WHOLESALE
SEEDSMEN, FLORISTS AND
SUPPLY DEALERS.

Price with wire chain as
shown in cut, \$1.00 per dozen
by express. Sample dozen
by mail, \$1.25.

I. N. Kramer & Son, Cedar Rapids,
Iowa.
Please mention the American Florist when writing.

FOR SALE

At Low Prices.

BOILERS.

30 good Second-Hand overhauled Boilers, ranging from 20 to 100 horse-power will be sold at bargain prices.

BOILER TUBES.

Overhauled and in good condition; sizes from 2 to 6 inches.

STANDARD BLACK WROUGHT IRON PIPE.

Sizes, 3-8 to 14 inches.

VALVES AND FITTINGS.

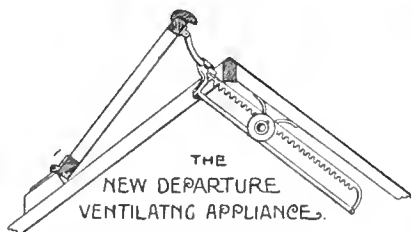
Overhauled and in good condition at right prices.

GALVANIZED WIRE. 10 to 20 gauge.

RUBBER HOSE. 4 1-2 cents per foot and up.

ASK FOR CATALOGUE NO. 47.

Chicago House Wrecking Co.,
CHICAGO, ILL.



CHEAPEST AND BEST.

If you doubt it try them and be convinced.
Send for descriptive price circular.

J. D. Carmody, Evansville, Ind.

Please mention the American Florist when writing.

CYPRESS
IS FAR MORE DURABLE THAN PINE.

CYPRESS
SASH BARS
UP TO 32 FEET OR LONGER.

GREENHOUSE
AND OTHER BUILDING MATERIAL,
MEN FURNISHED TO SUPERINTEND
ERECTION WHEN DESIRED.

Send for our Circulars.

THE A. T. STEARNS LUMBER CO.,
NEPONSET, BOSTON, MASS.

Advertising Gets Results.

AM. FLORIST Co.—It gives us pleasure to say that each year we have traced business resulting from our advertisement in the AMERICAN FLORIST, this being our second year advertising in your paper. Our contract for the year with you ends soon and we expect to renew the same for another year.

ALBANY STEAM TRAP COMPANY.

FLORIST Plain, Violet, Rose

MADE BY

FOIL

The John J. Crooke Co.

155 Ave. D, NEW YORK. 149 Fulton St., CHICAGO.

M. RICE & CO.,

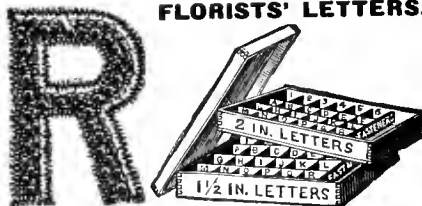
Importers and Manufacturers,

Leading Florists'
Supply House and
Ribbon Specialists.

918 Filbert Street,
Philadelphia, Pa.

Boston Florist Letter Co.

MANUFACTURERS OF
FLORISTS' LETTERS.



This wooden box nicely stained and varnished, 18x30x12 made in two sections, one for each size letter, given away with first order of 500 letters.

Block Letters, 1 1/2 or 2-inch size, per 100, \$2.00.
Script Letters, \$4. Fastener with each letter or word.

Used by leading florists everywhere and for sale by all wholesale florists and supply dealers.

N. F. McCARTHY, Treas. and Manager,
84 Hawley St., BOSTON, MASS.

Please mention the American Florist when writing.

THE **GLAZING POINT**

MADE OF ZINC WILL NOT RUST
MANUFACTURED BY

ROBT. J. HENDERSON
5717 COTTAGE ST. PHILA., PA.

75¢ PER LB SPECIAL PRICES FOR LARGE QUANTITIES

Add 16c per pound for postage.

Please mention the American Florist when writing.

HURRY!! HURRY!!

SOUTH SUDBURY, Mass.
Hurry to me 150 lbs Fumigating Kind.
It is great stuff.

GEO. HEMINGWAY.

See page 556.

GREEN SILKALINE.

Do not be put off with cheap substitutes.

John C. Meyer & Co.,
80 Kingston St., BOSTON, MASS.

Please mention the American Florist when writing.

A. HERMANN,

Cape Flowers, all colors.
Cycas leaves, Metal Designs,
and All Florists' Supplies.

SEND FOR PRICES.

404-412 East 34th Street, NEW YORK.

SIGMUND GELLER,

FLORISTS' SUPPLIES and RIBBONS.

108 West 28th Street, New York.
NOVELTIES always on hand.

FOLDING BOXES

Cheap.

Write for

Samples and Prices.

THE AULL BROS. PAPER
AND BOX COMPANY,
Dayton, Ohio.

Tin Foil

Plain, Fancy, Printed & Mounted.

Manufactured by

The Conley Foil Co.

521 to 541 West 25th St.,
NEW YORK.

KORAL LETTERS

For Sale by all Wholesale Houses.

Koral Mfg. Co.,
12 Hawley Place, Boston, Mass.

Wired

Toothpicks

10,000, \$1.50; 50,000, \$6.25. Manufactured by
W. J. COWEE, BERLIN, N. Y.
Sample Free. For sale by dealers.

It is good business policy to mention

The...
AMERICAN FLORIST

When you write to an advertiser

PUMPS Rider-Ericson. Second-hand. From \$45.00 up; all repairs; other makes; new; cheap.

BOILERS Second-hand Greenhouse Boilers guaranteed. Send for prices; state size wanted.

PIPE New 2-in. full lengths, with coupling, 8½¢ a foot. Good serviceable second-hand, 2-in., 6¼¢; 1½-in., 5¼¢; 1¼-in., 3¼¢; 1-in., 3¢; ¾-in., 2¼¢. New and old fittings and valves.

GARDEN HOSE New, ¾-in., guaranteed 100-lbs. pressure, 7¼¢ per ft.; ¾-in. not guaranteed, 4¼¢ per ft.

GLASS New. American, 50-ft. boxes, 18x24, double thick, \$3.10 per box; 16x18, 14x20 and 12x16 double, \$2.88 per box; 12x16, single, \$2.30 per box; 12x12 and 8x10, single, \$2.15 per box. Carload and import orders solicited.

HOTBED SASH New. Cypress, 3x6-ft., from 70¢ up; glazed, complete, from \$1.80 up.

Get our prices on New Cypress Building Material, Ventilating Apparatus, Oil, White Lead, Putty, Paint, Points, etc.

OLD GREENHOUSES BOUGHT.

SEND FOR PRICES ON STEAM FITTING TOOLS.

References: Bradstreet's, Dunn's or Broadway Bank of Brooklyn.

METROPOLITAN MATERIAL CO.,

1398-1408 Metropolitan Ave., BROOKLYN, N. Y.

Established 1899. Tel. 174 Bergen.

Phillips Manufacturing Co.

222-226 Kearney Ave., Jersey City, N. J.

Horticultural Architects, Builders and Heating Engineers.

Designers and Manufacturers of every description of Glass Houses for private or commercial uses. Most modern and up-to-date.

If you write or telephone us, we do the rest.

—RUSTIC WORK A SPECIALTY.—

STENZEL GLASS CO., GREENHOUSE GLASS.

French and American "WHITE ROSE" Brand.

2 Hudson St.,
NEW YORK.

101 Portland St.,
BOSTON.



**EVANS' IMPROVED
CHALLENGE
VENTILATING
APPARATUS**

WRITE FOR ILLUSTRATED CATALOGUE
QUAKER CITY MACHINE WORKS
RICHMOND, IND.

Circulation

which Circulates

The actual paid circulation of the American Florist is, we believe, the largest in its class. The contents are of real present value and are preserved for reference. Advertisers who use regularly our columns establish permanent business with the best trade in the United States.



The Johnston Glass Company
Hartford City, Ind.

MANUFACTURERS OF

Window Glass,

GROUND AND CHIPPED GLASS.

Long Distance Telephone.

Direct Western Union Wires.

Please mention the American Florist when writing.

MASTICA

TRADE MARK REGISTERED.

FOR GLAZING GREENHOUSES

SOLE MANUFACTURERS

F. O. PIERCE COMPANY

NEW YORK

AT ALL SEED STORES

Please mention the American Florist when writing.

The James H. Rice Co. —IMPORTERS and JOBBERS— GREENHOUSE GLASS

A SPECIALTY.

Window Glass, Paint, Putty, etc.
80-82 Wabash Avenue and 34 to 40 South Water Street, CHICAGO.

Please mention the American Florist when writing.

GULF CYPRESS GREENHOUSE MATERIAL

HOT-BED SASH, BOILERS, PIPES, FITTINGS,
VENTILATING APPARATUS.

GLASS AT WHOLESALE.

We furnish everything for building. Send for prices and catalogues.

S. Jacobs & Sons, 1365-1373 Flushing Ave.
BROOKLYN, N. Y.

Please mention the American Florist when writing.

GLASS.

**GOOD BRANDS.
QUICK SHIPMENTS.
LARGE STOCK.**

Warehouse on railroad switch. Be sure and get our prices.

Sharp, Partridge & Co.

22nd St. and Union Place, CHICAGO.

D. O. Cunningham Glass Co.

PITTSBURG, PA.

TANK WINDOW GLASS.

Hot-House Glass a Specialty.

Please mention the American Florist when writing.

Sprague Smith Co. PLATE AND WINDOW GLASS

Greenhouse Glass a Specialty.

205 Randolph Street, CHICAGO.

Please mention the American Florist when writing.

H. M. HOOKER CO.

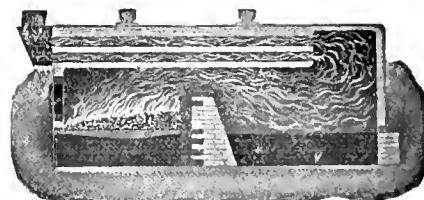
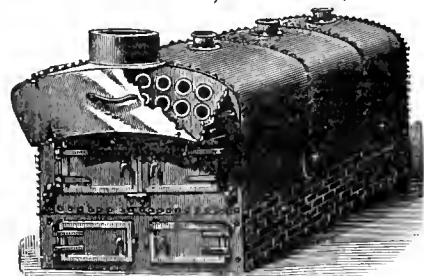
Window Glass, Paints and Putty.

Greenhouse Glass a Specialty.

59 W. Randolph St., CHICAGO.

Index to Advertisers.

| | | | |
|-----------------------------------|---------------------------------------------|-----------------------------------|----------------------------------|
| Advertising rates..... 534 | Hillinger Bros.....557 | Sprague Smith Co.....558 | Weber H & Sons.....551 |
| Alken Mack..... 540 | Hill The E G Co..... 1 | Standard Pump & Engine Co.....IV | Weeber & Don..... 11 |
| Albany Steam Trp Co.....560 | Hopard E..... 111 | Stanley & Co..... 553 | Welland Peter.....536 |
| American Blower Co.....IV | Hutchings & Co..... IV | Stearns Lumber Co..... 558 | Welland & Risch.....537 |
| Amling E C..... 537 | Holm & Olson..... 540 | Stenzel G ass Co..... 559 | Welch Br s.....538 |
| Aschmann Godfrey.....553 | Holton & Hunkel Co.....536 | Stern J & Co..... 556 | Whilldin Pot Co..... 557 |
| Atlantic Coast Nurs.....548 | Hooker H M Co..... 559 | Stooth H H A & Co..... 548 | Wietor Bros.....546 |
| Aull Br s Paper Co.....558 | Horan Edw C.....539 | Styer J J..... 11 | Wild Gilbert H.....548 |
| Avenue Floral Co.....554 | Hort Advertiser..... 557 | Thompson J D Car-nation Co..... 1 | Winnady M..... 537 |
| Baller F A..... 11 | Hunt E H..... 537 | Thornburg J M & Co..... 11 | Winterson E F Co..... 537 |
| Bassett & Washburn..... 537 557 | Igoe Bros..... 556 | Traudly & Schenck.....539 | Withhold Geo Co..... 537 541 |
| Baumann L & Co.....556 | Indianapolis Floral Co..... 541 | Van Kleef W & Sons.....548 | Wolf John.....546 |
| Baur Floral Co..... 5 3 | International Flow-er Delivery..... 540 | Vaughan's Seed Store..... 540 | Wood Bros.....544 |
| Bayersdorfer H & Co.....557 | Jacobs S & Sons.....559 | Vaughan & Sperry..... 537 | World's Fair Flower Show.....549 |
| Beaven E A..... 541 | Jennings E B..... 11 | Vick's Sons Jas..... 11 | Wrede H..... 11 |
| Beckert W C..... 11 | Johns on Glass Co.....559 | Walker F A Co.....554 | Young John.....539 |
| Bentley Coatsworth.....537 | Kasting W F..... 1 | Watson W H.....551 | Young Thos Jr..... 539 540 |
| Berkmans P J Co..... 548 | Katzenstein O & Co.....548 | Weber F C..... 540 | Young & Nugent..... 539 |
| Berger Br s..... 538 | Keller Geo & Son..... 557 | | |
| Bernig H G.....536 | Keller Pot Co..... 557 | | |
| Berry Frank..... 551 | Kennicott Bros Co..... 541 | | |
| Bertermann Bros Co.....540 | Kentucky Tobacco Product Co..... 557 | | |
| Blaauw J & Co.....548 | Kervan Co The.....538 | | |
| Black Chas..... 548 | King Construction Co.....560 | | |
| Bodding-on A T.....543 | King Jas Nursery Co.....548 | | |
| Bonham F E.....553 | Kohr A F..... 557 | | |
| Boston Letier Co.....558 | Koppelman E L & Co.....556 | | |
| Brague L B..... 538 | Koral Mfg Co..... 558 | | |
| Brant D Wood..... 537 | Kramer N & Son.....555 557 | | |
| Breitmeyer's J Sons.....540 | Kreshover L J..... 538 | | |
| Brod John.....555 | Kroeschell Bros Co.....560 | | |
| Brown Bag Filling Co.....543 | Kuehn C A.....536 | | |
| Bruns H N.....537 | Kuhl G A..... 450 551 555 | | |
| Buckley W T Plant Co..... 553 | Lager & Hurrell.....555 | | |
| Budlong J A.....537 | Lang Julius.....539 | | |
| Buist Rott & Co.....543 | Langjahr A H..... 539 | | |
| Burpee W A & Co..... 11 | Livingston Seed Co.....556 | | |
| Burton Jno Assignees.....553 | Lockland Lumber Co.....111 | | |
| Byer Bros.....553 | Loomis Floral Co..... 554 | | |
| Byer Floral Co.....553 | Lord & Burnham..... IV | | |
| Caldwell the Woods-man Co.....538 | Mader Paul.....555 | | |
| Calif Carnation Co.....552 | May John N..... 1 | | |
| Carmody J D..... 558 | McCarthy N P & Co.....538 | | |
| Chadwick Chas.....541 | McCallough's J M S n s Co..... 536 | | |
| Chicago Carnation Co.....551 | McKellar Chas W..... 541 | | |
| Chicago House Wrecking Co.....558 | Menard H L.....543 | | |
| Cleveland Int'l Flow Co.....538 | Metropolitan Mate-rial Co..... 559 | | |
| Coles W W..... 5 1 | Meyer John C & Co.....558 | | |
| Colesburg Pottery Co.....557 | Mich Cut Flower Ex.....538 | | |
| Conley R H & Co.....556 | Millage Chas..... 539 | | |
| Conard & Jones Co.....544 | Mills The Florist.....546 | | |
| Cnley Food Co.....558 | Moller Ludwig..... 556 | | |
| Connell Benj.....556 | Moninger J C Co.....111 | | |
| Cotsonas Gen & Co.....540 | Mont Fertilizer Co.....556 | | |
| Cottage Gardens Co.....548 | Moon The Wm H Co.....548 | | |
| Covey W J.....558 | Moore Hentz & Nash.....539 | | |
| Crabb & Hunter..... 551 | Mosback Ludwig..... 553 | | |
| Craig Wm P..... 555 | Murchie John..... 552 | | |
| Crooke John J Co..... 538 | Murdoch J B & Co..... 536 | | |
| Cross Eli..... 551 | Nat Flo Bd of Trad.....543 | | |
| Crowl Fern Co..... 538 | N Y Cut Flower Co.....549 | | |
| Cunningham D O..... 538 | N Y Cut Flower Ex.....539 | | |
| Glass Co.....559 | Nickel Plate R R..... 551 | | |
| Cunningham Jos H.....551 | Niessen Leo Co.....538 | | |
| Dann J H A Son..... 540 | Northern Michigan Evergreen Nursery.....543 | | |
| Davis Bros..... 554 555 | Ocean Park Floral Co.....554 | | |
| Davis Bros Co..... 552 | O'Hagan J H..... 548 | | |
| Deamad J B..... 537 | Palmer W J & Son.....540 550 | | |
| Detroit Flower Pot Mfg.....557 | Park Floral Co..... 540 | | |
| Dickinson The A Co..... 11 | Peters n J A..... 551 | | |
| Dietsch A & Co.....111 | Peterson Nursery..... 548 | | |
| Diller Caskey & Co.....111 | Phila Cut Flower Co.....541 | | |
| Dillon J L..... 560 | Phila Wholesale Flower Market..... 538 | | |
| Dillon's Mfg Co.....560 | Phillips Mfg Co.....559 | | |
| Dorner F & sons Co..... 1 | Pierce F O Co.....559 | | |
| Drake Point Gr'sses.....554 | Pierson-Sefton Co..... IV | | |
| Dreer H A.....543 557 | Pittsburg Cut Flo Co.....536 | | |
| Dreyer B..... 554 | Pittsburg Florist Ex.....536 | | |
| Eat n H N..... 554 | Poehlmann Bros.....547 559 | | |
| Elliot Wm & Sons.....546 | Pollworth C C Co.....540 557 | | |
| Emmads Geo M.....553 | Prichard J N.....538 | | |
| Ernest W H..... 557 | Quaker City Mach Wk.....559 | | |
| Farmer J S..... 539 | Randall A L Co..... 537 | | |
| Fisher Peter..... 111 | Rawson W W & Co..... 11 | | |
| Foley Mfg Co..... 111 | Raynor J L.....539 | | |
| For sale and rent.....535 | Reed & Kehler..... 556 | | |
| Ford Bros..... 539 | Regan Print House..... 555 | | |
| Foster Lucius H.....554 | Reinberg Geo..... 537 552 | | |
| Freeman Jos R..... 540 | Reinberg Peter..... 548 552 | | |
| Gardener's Chronicle.....554 | Rennison J O..... 550 | | |
| Gariand Geo M.....111 | Rice Bros..... 541 | | |
| Geller Sigmond.....558 | Rice James H Co.....559 | | |
| Giblin & Co..... IV | Rice M & Co.....558 | | |
| Globe Eng Co..... 556 | Robinson H M & Co.....548 | | |
| Goodell L W.....554 | Roeths Julius..... 555 | | |
| Goucher Wm H..... 539 | Rolker A & Sons..... 548 | | |
| Gurney Heater Co.....560 | Rossig Bros.....556 | | |
| Guttman A ex J..... 539 | Sander & Sons..... 543 | | |
| Hall Association..... 557 | Schillo Adam.....111 | | |
| Hausen Julius..... 11 | Scott John..... 547 | | |
| Hausworth P J.....540 | Sharp Partridge Co.....559 | | |
| Heacock Jos.....555 | Sherman Nursery Co..... 54 | | |
| Heiler & Co..... 11 | Sheridan W F.....539 | | |
| Heller Bros..... 551 | Sievers & Boland..... 540 | | |
| Henderson Ralt J..... 538 | Sinner Bros.....537 | | |
| Henderson Mfg Co..... IV | Skidelsky S S..... 552 | | |
| Herr Albert M.....552 553 | Smith Nath & Son.....553 | | |
| Herrmann A.....558 | Smith W & T Co..... 1 | | |
| Hess & Swoboda..... 540 | Smits Inc.....548 | | |
| Heys A H & Co.....557 | Spaulding Nursery.....544 | | |

KROESCHELL BROS. CO.
IMPROVEDGreenhouse Boiler,
45 Erie St., CHICAGO.

Boilers made of the best of material, shell, fire-box sheets and heads of steel, water space all around (front, sides and back). Write for information.

Please mention the American Florist when writing.

NO AFTER EFFECTS BAD.

HARTFORD, CONN.
I enclose \$2.00 for another 200 lbs. of the Fumigating Kind. I find it does the work to perfection and leaves no bad effects.

GEO. OSBORN.

See page 556.

The King Construction Co.

New Roof Construction, Automatic Stokers, Water Tube Steam Boiler, Automatic and Hand Ventilators.....

NORTH TONAWANDA, N. Y.

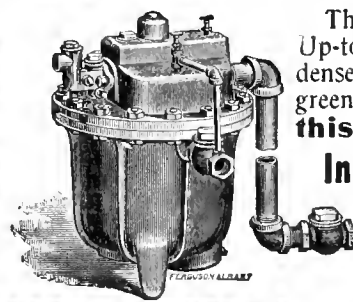
32 Church St., TORONTO, ONT.

Eureka Greenhouses.

The Best and Lowest in Price. All houses erected at the factory and shipped to purchasers with blue prints, photographs and plain directions so that any person can put them up.

DILLON GREENHOUSE MFG. CO., Bloomsburg, Pa.

Steam Traps SAVE COAL



This is the Return Steam Trap used by the Up-to-date Greenhouse men to return the condensed water from the heating coils in their greenhouses. Have been in use for this purpose over 30 years.

Insures an Even Temperature.

Send For Red Catalogue.

Albany Steam Trap Co.

ALBANY, N. Y., U. S. A.

CROP INSURANCE.

Life insurance is valuable because it guarantees the outcome.

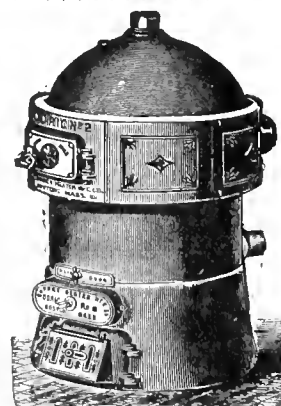
"Gurney" Heaters

"BRIGHT IDEA," "DORIC" and "400 SERIES" do the same thing for your hothouse: THEY GUARANTEE THE CROP. First of all they save 20 per cent on the coal bill and so keep expense at a minimum. Next, they produce an even heat and so do not imperil the life of the plant. Next, they are simple to operate and so require least attention. Lastly, they wear longer than others and thus perceptibly reduce the capital invested. Don't buy or exchange until you've investigated them.

GURNEY HEATER MFG. CO.

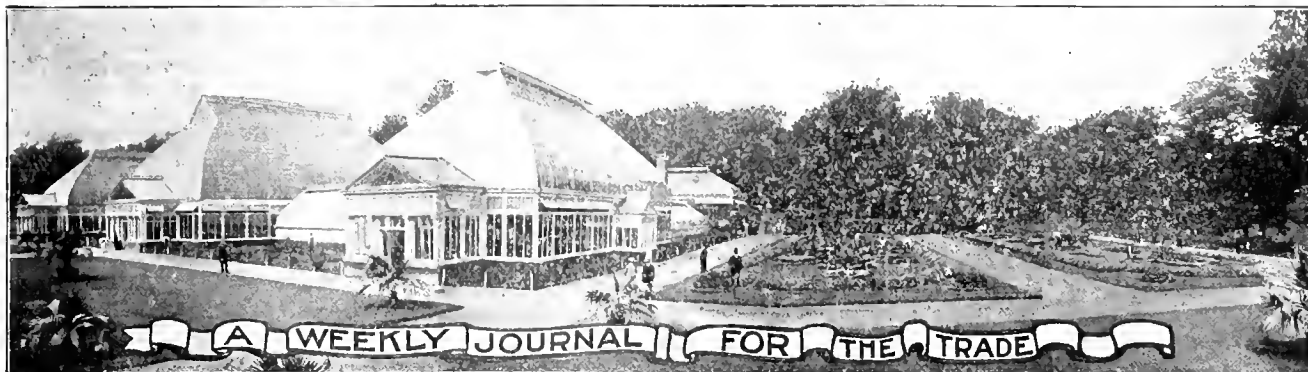
74 Franklin Street,
BOSTON, MASS.

111 Fifth Avenue,
NEW YORK CITY.



"DORIC" HEATER.

THE AMERICAN FLORIST



America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."

Vol. XXIII.

CHICAGO AND NEW YORK, NOVEMBER 5, 1904.

No. 857

THE AMERICAN FLORIST

TWENTIETH YEAR.

Copyright 1904, by American Florist Company.
Entered as Second-Class Mail Matter.

PUBLISHED EVERY SATURDAY BY

AMERICAN FLORIST COMPANY,

324 Dearborn St., Chicago.

Eastern Office: 42 W. 28th St., New York.

Subscription, \$1.00 a year. To Europe, \$2.00.

Subscriptions accepted only from the trade.

Volumes half-yearly from August, 1901.

SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—PHILIP BREITMEYER, Detroit, Mich., president; J. J. BENEKE, St. Louis, Mo., vice-president; WM. J. STEWART, 11 Hamilton Place, Room 11, Boston, Mass., secretary; H. B. BEATTY, Oil City, Pa., treasurer.

OFFICERS-ELECT—J. C. VAUGHAN, president; J. R. FREEMAN, vice-president; secretary and treasurer as before. Twenty-first annual meeting at Washington, D. C., August, 1905.

THE AMERICAN CARNATION SOCIETY.

Annual convention at Chicago, 1905. ALBERT M. HERR, Lancaster, Pa., secretary.

AMERICAN ROSE SOCIETY.

Annual meeting and exhibition, Boston, Mass., 1905. LEONARD BARRON, 136 Liberty St., New York, secretary.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Annual convention and exhibition, November, 1904. FRED H. LEMON, Richmond, Ind., secretary.

THIS ISSUE 42 PAGES WITH COVER.

CONTENTS.

| | |
|-----------------------------------------------------|-----|
| The exhibitions..... | 561 |
| —World's Fair exhibition..... | 561 |
| —Exhibition at Lenox, Mass..... | 562 |
| —Exhibition at Madison, N. J..... | 563 |
| A seedling cypripedium..... | 564 |
| With the growers..... | 564 |
| —Dailedouze Brothers, Flatbush, N. Y (illus)..... | 564 |
| —Visiting the Mt. Clemens growers..... | 564 |
| The retail trade—A useful stock design (illus)..... | 566 |
| New York..... | 566 |
| Chicago..... | 566 |
| Philadelphia..... | 567 |
| Boston..... | 567 |
| St. Louis..... | 568 |
| Baltimore..... | 568 |
| Washington..... | 569 |
| Detroit..... | 569 |
| American Carnation Society..... | 570 |
| Chrysanthemum Society of America..... | 570 |
| The new chrysanthemum scale..... | 571 |
| Obituary..... | 571 |
| The seed trade..... | 578 |
| World's Fair notes..... | 578 |
| Massachusetts Horticultural Association..... | 578 |
| Milwaukee..... | 578 |
| The nursery trade..... | 580 |
| Toronto..... | 580 |
| Newport, R. I..... | 580 |
| Our pastimes..... | 582 |
| Buffalo..... | 584 |
| Indianapolis..... | 584 |
| Cincinnati..... | 586 |
| European horticulture..... | 588 |
| Syracuse, N. Y..... | 590 |
| Louisville..... | 594 |

THE EXHIBITIONS.

World's Fair Exhibition.

The executive committee held a meeting at the Auditorium annex, Chicago, 12, noon, October 31. Those present were J. C. Vaughan, Leonard Kill, P. J. Hauswirth and W. N. Rudd. Letters were received from Philip Breitmeyer, William Trelease, Elmer D. Smith and E. G. Hill, expressing their views on different subjects. It was ordered that on page 9 of the preliminary premium list be inserted the following. "Sections 23, 24 and 25 will be marked open to all, seedlings admissible." It was decided on motion.

Chief Taylor telephoned from St. Louis advising that one of the regular World's Fair bands of music would be available for the show; that President Francis would open the exhibition at 2:30 p. m., Monday, November 7, the show to continue open day and evening as arranged; that the expediting of express and freight matter inside the grounds had been arranged by the teams belonging to the horticultural department. The publicity department has posted liberal signs on various buildings of the fair and the coming show is much talked about. Mr. Taylor stated he was extending a general invitation to florists, nurserymen and all horticulturists at the Fair and those visiting the show to be present at the horticultural meeting to be held in the Agriculture building, World's Fair, Thursday afternoon at 3 o'clock of the week of the show. Prof. William Trelease will likely preside.

The committee on programmes advised that 20,000 copies had been arranged for with colored cover reproducing the poster design; that 8,000 souvenir postal cards had been ordered for immediate sale, open to orders from the trade and for sale during the show with the posters.

The committee on programme reported prospects for advertisements of not less than fifty leading firms in that publication. Letters were read from W. R. Smith, Washington, advising action regarding the publicity department. Letters were also read from J. J. Beneke, of the St. Louis auxiliary committee, which reported active work among the trade there. Arrangements were made for Treasurer Rudd to forward wholesale tickets to be on sale by the St. Louis florists prior to and

during the show. Orders were given for advertising contracts on sliding scale in the St. Louis papers covering show week. A resolution was passed closing the premiums according to the numbered sections as arranged for the premium list at this time.

The following changes in the premium list have been duly authorized: 1, sections 23, 24 and 25 open to all, seedlings admissible; 2, section 53 B, Rose Mme. Abel Chatenay, first premium \$40, second premium \$30, third premium \$20; 3, section 96 B, best fifty blooms, one vase not less than ten varieties, first premium \$40, second premium \$25, third premium \$15; 4, under special exhibits not otherwise provided for, a certain amount of money is available to pay premiums entered under this head from the Henry Shaw bequest.

In view of the late date and the difficulty in notifying prospective exhibitors in time to give all an equal chance it was decided that no further change in the conditions or numbered sections be made. All meritorious exhibits, however, as heretofore announced will be liberally considered whether covered by the numbered sectional listed premiums offered or not. The meeting adjourned subject to call of the chairman.

On Tuesday of this week Manager Hauswirth with Messrs. Vaughan and Trelease, of the show committee, met with the St. Louis committees, Messrs. Beneke, Juengel, Schray, Sanders, Koenig, Meinhardt and Kuehn, and arranged for local work to be carried on, including distribution of posters, souvenir cards, etc. Chief Taylor and Superintendent Hadkinson arranged for the admission of helpers, visitors, teams and for additional lights in the conservatories. Chief Taylor issued a call for a conference of horticulturists Thursday at 3 p. m., November 10, for which see another column in this issue. Prof. William Trelease, chairman of the conference has taken up the details of the work.

For the benefit of those visitors who desire to meet one another during the World's Fair flower show a fixed rendezvous has been decided upon, and a section of the conservatory near the office for desks and register has been secured. Trade visitors are requested to so arrange their sight-seeing as to be present at the office of the association in the conservatory, either in the forenoon or afternoon of each day to meet each other, the meeting hour for the morning being 10 o'clock and for the afternoon 4:30. By arrang-

ing appointments with your friends at this time and place no time need be lost seeking each other. Address your mail and have it addressed in care of the World's Fair Flower Show.

Exhibitors and guarantors will find their passes at Room E, of Chief Taylor's offices in the south end of the Agriculture building.

Trade visitors are requested to identify themselves and register for the courtesies of the association.

World's Fair Show Guarantors.

The following is the list of guarantors as revised to and including October 28:

| | |
|--------------------------|-----------------------|
| American Florist Co. | Juengel, Chas. A. |
| Asmus, Geo. | Kanst, Ed. A. |
| Bassett & Washburn. | Kastling, W. F. |
| Beatty, H. B. | Kellogg, Geo. M. |
| Bentley — Coatsworth Co. | Koenig, Otto G. |
| Beneke, J. J. | Kroeschell Bros. Co. |
| Borning, H. G. | Kuehn, C. A. |
| Bortemann Bros. | Lewis Pub. Co. |
| Breitmeyer, Philip. | Lord & Burnham Co. |
| Buckhee, H. W. | May, John N. |
| Burpee, W. Atlee. | Meinhardt, F. H. |
| Burton, John. | Moninger, J. C. Co. |
| Bushnell, D. I. | Periam, Jonathan. |
| Corneli, Adolph. | Pierson, Frank R. |
| Cross, Eli. | Poehlmann Bros. |
| Deasud, J. B. | Reinberg Peter. |
| De Wever, C. | Rudd, W. N. |
| Dorner, F. & Sons Co. | Schray, Wm. & Sons. |
| Ellis, F. M. | Scott, John. |
| Evans, John A. | Skidelsky, S. S. |
| Filmore, F. J. | St. Louis Seed Co. |
| Florists' Exchange. | Storrs & Harrison Co. |
| Florists' Review. | Smith, Elmer D. |
| Foley Mfg. Co. | Smith, Wm. R. |
| Foster Floral Co. | Sullivan, J. F. |
| Harris, W. K. | Taylor, F. W. |
| Hadkinson, J. H. | Trelease, Wm. |
| Hartshorne, Jas. | Thompson, J. D. |
| Hauswirth, Edwin J. | Ullrich Lewis. |
| Hauswirth, P. J. | Valentine, J. A. |
| Heller Bros. | Vaughan, J. C. |
| Hill, E. G. | Weber, F. C. |
| Holding, M. G. | Weber, F. A. |
| Hunt, E. H. | Wietor Bros. |
| Indiana Floral F. A'n | Wilcox, J. F. |
| Irish, H. C. | Wilson, James S. |
| | Winterson, E. F. Co. |

To Reach the Horticultural Building.

From the city take the Market street electric cars for the entrance nearest to the Horticulture building. The Union railroad station is located on Market and Eighteenth streets.

Get off at station 10 on the intramural railroad for the Horticulture building. Other reasonably convenient stations are 7, 8, and 9.

A Conference of All Horticulturists.

It has been suggested that advantage be taken of the flower show to be held in St. Louis next week, in addition to the presence of those who have been in regular attendance at the World's Fair to provide for a representative gathering of horticulturists at some time during the week. I therefore invite all florists, nurserymen and gardeners, as well as others interested in horticulture in the broadest sense, to meet in Agricultural hall in the south end of the Agriculture building, on Thursday, November 10 at 3 p. m. Prof. William Trelease, Director of the Missouri Botanical Garden, has consented to occupy the chair. Topics of broad interest to all engaged in floriculture and other branches of horticulture will be taken up for discussion in the form of brief communications from leaders in horticultural thought and it is hoped that every participant will come prepared to make the meeting conducive to the best interests of American horticulture.

F. W. TAYLOR,
Chief Department of Horticulture.

Exhibition at Lenox, Mass.

The fourth annual exhibition of the Lenox Horticultural Society opened its doors to the public on October 26 and continued for two days. In point of size the exhibition would be termed small if compared with other larger centers, but for quality, neatness and originality, nothing has ever been put up in this country that can equal it. The overpowering feature of this show is the originality of the plant groups. Here, at last, we have got away from the hay-cock and the precision of plumb and rule. The stereopticon sameness which you meet with everywhere can be forgotten here, and the missionary feels rewarded. If all the good gardeners who can grow plants to perfection, but who lack originality in grouping the same could drop into this exhibition they would see something which they could never forget. Here we have "a voice crying in the wilderness," and with it a ray of hope.



The Late Elisha N. Peirce.

(See obituary, page 571.)

The first prize group of "palm and foliage plants arranged for effect," by E. Jenkins, gardener to Gerard Foster, was wonderfully conceived and most artistically and beautifully executed. The group occupied a square space of 150 square feet. A background was formed against the wall of English ivy and immediately in front of this and somewhat elevated three fine plants of *Areca lutescens* showed themselves to fine effect, and a plant of *kentia* at either end tapered off the group. Suspended from the back wall some fine plants of *Begonia Gloire de Lorraine* and *Oncidium varicosum* were seen individually. The ground work was formed of *dieffenbachias*, small palms, etc., but the general effect was green, with just that much variety that the variegation of the *dieffenbachias* gives. The foreground consisted of three pyramidal groups, the middle one about six feet high, and those at either end somewhat less. The middle group consisted of *Begonia Gloire de Lorraine* and a few *oncidiums* and was topped off with a fine plant of *Croton Prince of Wales*. The side pyramids had a base of *Cattleya labiata*.

The second prize group by Fred Heere-mans, gardener to W. D. Sloan, was also

a first prize group. That is, it would be so in any other place but Lenox. It is also a decided departure from what is usually seen in plant groups, and unique in many ways. The wall in this case was covered with hemlock branches, but they were so unobtrusive that all that the eye really saw was the green color. Three large *kentias*, one in the middle and one at either end, were placed against the wall, but they were tilted so that the leaves overhung the rest of the group, and as you stood in front of it you were very much reminded of a bower. Two large *anthuriums* stood between the palms and made a complete background. The palm pots were hidden in moss and around the base of the center one were grouped a number of highly colored *crotons*, such as *Baron de Rothschild* and *Queen Victoria*, and around the other two a number of *Lilium Harrisii*. The background came down very abruptly, and the foreground was low. As you stood in front of it you could look down upon the whole thing. Two or three very light palms, such as *Cocos Romanzoffiana* and *Weddelliana* towered above the others. The ground work of the foreground was small *Farleyense* with specks of color here and there. Such grouping requires skill and refinement of taste, and can only be done by an artist.

The orchid groups, of which two were shown, each covering a space of 100 feet, were also unquestionably the finest ever put up. The judges here had the hardest problem of the day. Mr. Loveless, gardener to John Sloan, won the first prize. The decision could not be questioned, yet anyone who had to award a second prize to Mr. Heeremans could only do so with a feeling of regret. Both groups were so exceptionally good, not a flaw to work upon, and the question of superiority open to such various constructions. The opposing contestants are brothers, John and W. D. Sloan, and the keenness of competition keyed up every visitor. Both are doing great work in popularizing this feature of horticulture, and both they and their gardeners are worthy of the highest commendation. John Sloan is older of the two brothers, and when W. D. saw how the award had gone he was heard to say "that the judges had been charitably influenced by the philosophy of the old adage 'age before beauty.'"

The cut blooms of *chrysanthemums* were of a very high standard throughout. It is questionable if finer bloom will be seen anywhere this year. Mr. Jenkins again showed his superior skill here for he took every prize in sight in the larger classes. A fact which also should be emphasized is the prominence of all of last year's novelties in the winning stands. In Mr. Jenkins' stand of twenty-four distinct varieties were the following: Peter Kay (wonderful for its years); Mr. Herewege (white); Lelia Filkins, G. H. Warren; Mrs. Geo. Mileham, Golden Gate, Richardson, Lord Salisbury, Cahazac, Merza, H. J. Jones, Wm. Duckham, C. J. Salter, and many others.

The best twelve distinct were: Lady Hopetoun, a lovely silvery pink, Gen. Hatton, Cahazac, Mrs. Geo. Mileham, Donald McLeod, Ben Wells, C. J. Salter, Merza, S. F. Vallis, H. J. Jones and Lucy Evans. Lucy Evans is the same shade of pink as *Vivian Morel* at its best, but the flower is superior, with a grand stem and foliage, a distinct acquisition.

Mr. Jenkins again won in all the classes of one color, six blooms each. His best red was H. J. Jones; best white, Mrs. Robinson; best pink, Wm. Duckham; best bronze, Rustique; best yellow, Peter Kay;

any other color, Ben Wells, bluish white. In the classes calling for five blooms the honors were freely divided between S. Carlquist, gardener to Mrs. Winthrop, and Mr. Loveless. For the best five blooms white, Mr. Carlquist won with Merza. Mr. Carlquist grew only six single stem plants of this variety. One bloom was passed and from the other five plants he cut the winners. Wm. Duckham, as a pink, won against all

They also showed fine sprays of *Odontoglossum crispum* from their recently imported stock. They also had an excellent specimen of *Cattleya labiata*, carrying six flowers to a spike, and *Cattleya Dowiana* in a small pot, carrying two spikes with four flowers each.

Julius Roehrs, Rutherford, N. J., was also awarded a diploma for a display of orchids.

H. W. Hookey, gardener to S. Wood-

The firm was represented by Neil Campbell.

F. R. Pierson Company, Tarrytown, N. Y., had a display of the new fern for which they were awarded a first class certificate at a previous exhibition of this society. They also had on exhibition several chrysanthemums, and a new liquid fertilizer, called Bonora.

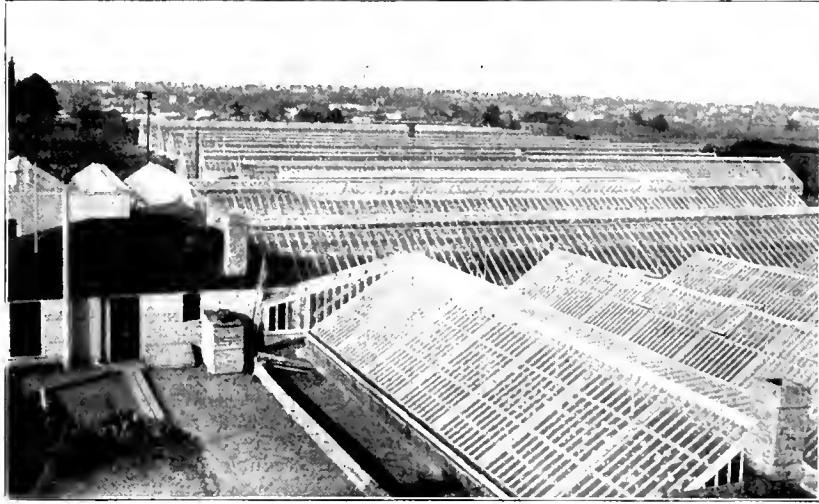
The judges on plants and groups were Mr. Orpet and Mr. Meredith, South Lancaster, Mass., and on cut flowers Wm. Scott and Jas. H. Scott, of Tarrytown, N. Y. Mr. Totty, of Madison, N. J., was also to act in the capacity of a judge, and made the journey to Lenox for that purpose, but on arriving there a telegraph message was awaiting him informing him of the sudden death of his father-in-law, who had been spending a week or two at Madison with them, and he took the first opportunity to get back home.

TRAVELER.

Exhibition at Madison, N. J.

The ninth annual exhibition of the Morris County Gardeners' and Florists' Society was held in the Assembly rooms, Madison, N. J., October 27 and 28. It was a very successful affair, both as regards exhibits and patronage. The rooms were tastefully decorated, and the groups of palms and decorative plants staged by A. Herrington, gardener to H. McK. Twombly, and Wm. Duckham, gardener to D. Willis James, added very considerably to the general effect. Mr. Duckham's group occupied the center of the floor and included a magnificent specimen of *Caryota edulis*. Mr. Herrington's group occupied the stage and hid the orchestra from view. Both groups were awarded certificates of merit. The exhibit of roses was unusually fine, but the exhibitors were remarkably few in number.

Exhibits not made for competition included the new Baby Rambler rose Mme. Levassieur, from Vaughan's Seed Store; vases of carnations from C. W. Ward, Queens, L. I., in which appeared the new Robert Craig, a coming scarlet, Ethel Ward, and the new white, Lieut. Peary; the new red carnation John E. Haines, shown by John E. Haines, of South



PARTIAL VIEW OF GREENHOUSES, DAILED OUZE BROTHERS, FLATBUSH, N. Y.

comers. John Doyle, a terra cotta in color, was shown in a six-inch pot, single stem. This is a winner and will be found in the novelty list this coming season. Guy Hamilton as a white, Lady Hope-toun and Lucy Evans in pinks will have big demands.

Specimen plants of chrysanthemums were not heavily shown, but the three grown by Mr. Jenkins almost filled the entire stage and for size could hardly be equaled. Roses and carnations were scarcely up to the standard, but of course the season is early yet. In carnations Flamingo, Albatross, Enchantress and Lawson won in their classes for color. A new carnation, Senator Crane, shown by E. Dolby, gardener to Zenas Crane, Dalton, Mass., was awarded a first-class certificate. This is a beautiful, almost perfect flower, the color of Marquis (perhaps a shade lighter), with a very fine calyx and good stem, and flowers as large as Enchantress. In every way a first class thing.

Mr. Jenkins was awarded the first prize for the best novelty in plants or blooms for a new begonia, which he names *Fosteriana*. It is the product of a cross between a fibrous rooted parent and a tuberous rooted parent. The fibrous variety was probably *socotrana*. The leaf resembles *Gloire de Lorraine* in form but is larger and of a thicker texture. It is itself a fibrous variety but the root stock is thick and fleshy, and while it does not need to be dried off like a tuberous variety, yet it requires a considerable rest. The flowers are red in color, semi-double, after the form of the tuberous parent, and about the size of *La Fayette*. It is understood the cross took place in England, but Mr. Jenkins holds the entire stock. This plant will be a mate for *Lorraine*, with greater possibilities.

Lager & Hurrel, Summit, N. J., made a neat display of orchids. They were awarded a certificate of merit for *Cattleya Thayeriana*, one of E. O. Orpet's seedlings.

ward had twelve plants of *Oncidium varicosum* with spikes measuring five or six feet and carrying over 300 flowers each. Wm. Wood, gardener on the Bishop estate, was a very prominent exhibitor, and won many prizes. So also was Mr. Thompson, gardener for H. H. Cook, and Mr. McCormachie, gardener to Mrs. F. K. Sturgis.

The greenhouse groups of Mr. Jenkins and Mr. Carlquist were fine specimens of culture. J. C. Vaughan, New York and Chicago, had a display of bulbs, and Mme. Levassieur rose. Carnations John E. Haines and Imperial, raised by John E. Haines, Bethlehem, Pa., for which diplomas were awarded, were also shown.



Henry.

Paul.

Eugene.

THE DAILED OUZE BROTHERS, FLATBUSH, N. Y.

Bethlehem, Pa., a new pink carnation, Phyllis, and Harry Sinclair, a yellow chrysanthemum, shown by John N. May. In the chrysanthemum classes the specimens were excellent in quality and included many varieties of late introduction, such as F. S. Vallis, Wm. Duckham, Ben Wells, Maynell, W. A. Etherington, Donald McLeod, Lady Hopetoun and Cheltoni. The latter, which is a yellow sport from Nellie Pockett, attracted much attention. The work of the judges was carefully done, and was completed prior to the opening of the doors for general admittance.

The awards in detail were as follows:

CHRYSANTHEMUMS.

Thirty-six blooms in six varieties, Wm. Duckham, gardener to D. Willis James, first; A. Herrington, gardener to H. McK. Twombly, second. Eighteen blooms in three varieties, A. Herrington, first.

Twelve blooms in four varieties, Peter Duff, gardener to J. Crosby Brown, first; R. Vince, gardener to A. D. Foote, second.

Ten blooms, any white variety, A. Herrington, first.

Ten blooms, any yellow, A. Herrington, first; C. White, gardener to H. A. Hutchins, second.

Twelve blooms in twelve distinct varieties, stems not to exceed 12 inches, J. Fraser, gardener to O. H. Kahn, first.

Six blooms in six distinct varieties, stem not to exceed 12 inches, Peter Duff, first; J. Fraser, Jr., gardener to G. E. Russell, second.

Six blooms of any variety, R. Vince, first; J. Fraser, second.

Ten blooms, five varieties, W. H. Thomas, gardener to F. C. Blanchard, first; J. Fraser, Jr., second.

Six blooms, pink, any variety, J. Fraser, first; W. H. Thomas, second.

Six blooms, any white variety, J. Heeremans, gardener to A. H. Whitney, first; Otto Koch, gardener to New Jersey State Hospital, second.

Six blooms, any yellow variety, J. Heeremans, first; J. Fraser, second.

Six blooms, any variety except white and yellow, J. Fraser, first; J. Fraser, Jr., second.

Six blooms, distinct varieties, 1903 introduction, stem not to exceed 12 inches, A. Herrington, first, with Durbin's Pride, Mme. Marie Liger, Mrs. Thirkell, Maynell, Lord Hopetoun and Mme. Diederichs.

Six blooms, distinct varieties, 1904 introduction, A. Herrington, first, with Mrs. J. H. Hadway, F. S. Vallis, F. Cohnold, Cheltoni, Ben Wells and Wm. Duckham; R. Vince, second.

Best vase of flowers arranged for effect, J. Fraser, first.

Best display of pompon chrysanthemums, J. N. May, first; G. Bird, second.

Chrysanthemums in flower, with foliage plants, J. Heeremans first; W. H. Thomas, second.

Three specimen chrysanthemums, plants in flower, Peter Duff, first.

One specimen chrysanthemum plant in flower, Peter Duff, first.

Twelve chrysanthemum plants in flower, single stems, limit 6 inch pots, Peter Duff, first.

Ten pink blooms, any variety, prize offered by

J. C. Vaughan, Chicago, J. Fraser, first; A. Herrington, second.

ROSES.

Eighteen American Beauty, L. A. Noe, first. Twelve American Beauty, L. A. Noe, first; H. Hentz, Jr., second.

Twenty-five Bridesmaid, L. A. Noe, first; L. B. Coddington, second, and Henshaw Brothers, third.

Twenty-five Bride, L. A. Noe, first; L. B. Coddington, second, and Henshaw Brothers, third.

Twelve Bridesmaid, F. L. Moore, first; L. A. Noe, second.

Twelve Bride, L. A. Noe, first; L. M. Noe, second.

Six Bridesmaid, R. Vince, second; no first awarded.

Six Bride, R. Vince, second; no first awarded.

Six American Beauty, special prize offered by Stump & Walters, Wm. Duckham, first.

Six Teas, any variety, prize, same dooors, Wm. Duckham, first; R. Vince, second.

CARNATIONS.

Best 25 blooms, any variety, special prizes offered by R. & J. Farquhar & Company, Wm. Duckham, first; J. Fraser, second.

Three varieties, 12 flowers each, J. Heeremans, first; J. Fraser, second.

VIOLETS.

Bunch, 100 flowers, double blue, J. Fraser, first; J. Heeremans, second.

Bunch, 100 flowers, single, Peter Duff, first; W. H. Thomas, second.

VEGETABLES.

For best collection of vegetables, special prize offered by Peter Heederson & Company, J. Heeremans. For best collection of vegetables grown from Thorburn's seeds, special prize offered by J. M. Thorburn & Company, C. A. Downing.

A table carrying a splendid collection of orchids, including many varieties, exhibited by Lager & Hurrell, of Summit, N. J., was awarded a certificate of merit. F. R. Pierson & Company, of Tarrytown, N. Y., exhibited a group of the new Pierson fern, and R. Vincent, Jr. & Sons, White Marsh, Md., showed a collection of hardy chrysanthemums.

A Seedling Cypripedium.

In the conservatories of Girard college is in bloom a seedling cypripedium, the result of a cross between Lawrenceanum and Charlesworthii. The flowers take on the general appearance of the seed parent, Lawrenceanum, and have long flower stems with the added pink coloring in the dorsal sepal of Charlesworthii. The foliage is modified from that of Lawrenceanum. It looks as though it ought to be a valuable addition to this useful and interesting class of orchids. It has not yet been named. Has such a seedling been raised and bloomed before? If so, by whom, and has it received a name? For it would not be advisable to name the above if a seedling of the same parentage is in existence and already has a name.

E. L.

WITH THE GROWERS

Dailledouze Brothers, Flatbush, N. Y.

A visit to the establishment of Dailledouze Brothers, Flatbush, N. Y., is particularly interesting at the present time. As growers of carnations the firm members are known throughout the country, nor is their reputation any less as growers of chrysanthemums. The business was started by the father, John Dailledouze—who came to America from Geneva, Switzerland, forty-two years ago—on Myrtle avenue, where the members of the present firm were born. Mr. Dailledouze was a florist in his native country, and his venture was a success from the start. He died in 1882, and in 1892 the firm of Dailledouze Brothers acquired the business.

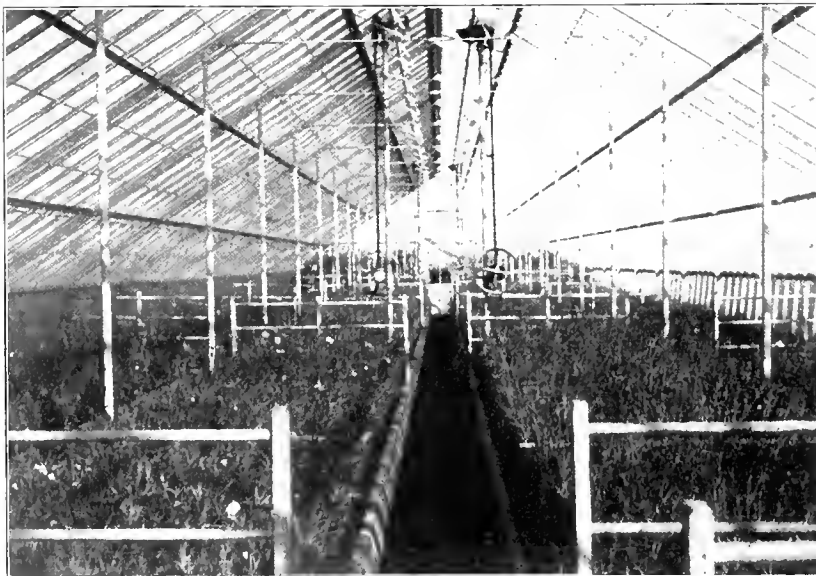
Since that time the establishment has increased in area until today it includes thirty-two greenhouses. Of these nine are of Lord & Burnham construction, 200 feet long. Of the others one is 130 feet, five 125 feet, three 90 feet, seven 70 feet, five 60 feet, and two propagating houses 125 feet and 100 feet respectively. In 1901 the carnation Prosperity was disseminated from the plant, a variety very popular to-day and a seedling originating from Albertina crossed with another seedling. Its success has been such that the firm is growing more of it at the present time than ever before. The nine larger houses are devoted exclusively to carnations, and cutting has been continual for over a year. A portion of these houses are equipped with concrete benches, tile bottomed, built by the firm's own help, and so convinced are the brothers that this style of bench is the most economical in the long run that they plan to abandon all the wooden benches in their houses as they give out, replacing them with the concrete form. The varieties of carnations growing in the benches cover Prosperity, mottled, Queen, Lawson, Bradt, Lady Bountiful; and The Belle, white; May Patton, variegated; Harry Fenn and Harlowarden, crimson; Enchantress, Fair Maid and Fragrance, light pink; Genevieve Lord, pink; Flamingo and Bliss, scarlet; and a number of seedlings. All these varieties are now in flower.

The stock in the chrysanthemum houses is excellently grown, the flowers running generally of maximum size. The first of the early sorts, Marquis of Montemort, pink, was cut out by the end of September, and Polly Rose and Grand Pacific are at their last. Other varieties to be seen here are Robinson, Eaton and Alice Byron, white; Wm. Duckham, pink; and Halliday, Appleton and Lincoln, yellow. These are all grown to produce fine commercial flowers, no attempt being made to produce exhibition stock.

In other houses a few lilies are grown, and there are two houses devoted to mignonette to come into cut about Thanksgiving.

Visiting the Mt. Clemens Growers.

The annual outing to Mt. Clemens of the Detroit Florists' Club took place Friday, October 28. A party of over fifty members left Detroit by special car, which was provided by John Breitmeyer's Sons, at 10 o'clock a. m. The first stop was made at J. F. Sullivan's, where, after an inspection of the stock, the entire party was photographed. Upon arriving at Mt. Clemens the immense plant of John Breitmeyer's Sons was first visited.



SECTION OF ENCHANTRESS HOUSE AT DAILLEDOUZE BROS., FLATBUSH, N. Y.

Here there was awaiting the party a sumptuous dinner, which was greatly relished and speedily disposed of by the hungry visitors, the most of whom had many times previously partaken of the well known hospitality of this place. An inspection of the stock in this immense area of glass even in the hasty manner it was done consumed nearly two hours time, in which there was revealed a stock of chrysanthemums, roses and carnations in the finest condition; this is particularly true of their carnations, of which they have 20,000 plants, the most conspicu-

two pinks under a fair test with like conditions. A 1,000 plants each of Sunrise and Perle were particularly fine and a similar number of Mac Arthur had evidently been in like condition just before an accidental burning of the foliage a few nights before, resulting from the painting of a return steam pipe with carbon containing naphtha. Hoste, Cusin, Liberty, Bride and American Beauty were in splendid condition. Some new varieties included Joseph Hill and Mildred Grant. Their violets are doing well and improving as the season advances.

with the stock a credit to those having it in charge. At Taylor's place, next journeyed to, was found "Jim," busy overseeing a force of men giving the finishing touches to his new residence. One of his houses of violets were fine and the other showing much improvement. His Lawson carnations were, as usual, very fine as were also the other varieties of the two houses devoted to this flower. At John Carey's was seen, among other fine crops, a house of violets which were plainly the superior of any yet seen and its proud owner was the recipient of many congratulations. His two houses of Meteor roses and one of American Beauty showed plainly the result of the skillful grower. A house of chrysanthemums and two of carnations bore out the good reputation of the place for fine stock.

A further journey of about a mile brought the party to August Von Boeslager's place on North Gratiot road. This place is comparatively new and includes a beautiful residence for the owner, just completed. Here three houses of carnations were found in splendid condition and a house of violets which are also fine. A house from which an early crop of chrysanthemums had been cut was being planted with sweet peas from pots, which were already a foot high. A fine house of Kaiserin roses conclude the list of products of this very neat and well managed place. The return trip was then made to Detroit, which was reached at 8 p. m. The beautiful weather of the day had contributed much to the success and pleasure of the outing. J. F. S.



POLLY ROSE CHRYSANTHEMUMS, DAILEDHOUSE BROTHERS, FLATBUSH, N. Y.

ous of the varieties being 300 white Lawson, large plants, strong and clean, covered with blooms; 3,000 Flamingo were early in the season somewhat disappointing because of imperfect opening of the blooms, but at present they are doing finely and Mr. Breitmeyer predicts for this variety a great future. Other varieties planted in large numbers include The Belle, Lady Bountiful, Harlowarden, Lawson, Nelson Fisher, Fair Maid and Queen, the latter being designated by Mr. Breitmeyer as the bread and butter white. The chrysanthemum crop of this place is represented by about 20,000 blooms and include all the best standard varieties and many of the more recent introductions. The most conspicuous of these are two white seedlings, Majestic and Adelia, raised by H. W. Rieman, Indianapolis, Ind., and exhibited by him at the flower show of that city last November. The entire stock of these two varieties was purchased by the Breitmeyer firm immediately after that exhibition, where both varieties received high honors. Majestic, first prize for twenty best white, also received the silver medal of the S. A. F. the year previous and a certificate of merit from the Indiana Florists' Association. Adelia received certificate of merit from Indiana Florists' Association, certificate from C. S. A. committee and first prize for fifty best blooms white at exhibition in Tomlinson hall in 1903. Both are pure white and each a different type, the flowering period of each being about a week apart. Both will appear at all the principal shows this season and be disseminated in 1905.

In the rose section La Detroit was the center of attraction, and deservedly so; 15,000 plants of it are grown, and only sufficient stock of Bridesmaid is retained with which to compare results of the

Two houses of stevia and one of snapdragon and mignonette indicate promise of good results during the season.

Robert Klagge's place near by was next visited. Here a house of Kaiserin roses was found in most excellent condition. His Bridesmaid and Hoste were also good and his carnations well sustained his reputation as a successful grower. A house of Asparagus Sprengeri trained up to strings was feature of interest, while his violets seemed fairly good. L. Stevens & Company's place, next visited, was found a particularly clean and well arranged establishment

BRISTOL, R. I.—Samuel Kinder will soon begin the erection of a large greenhouse on the tract of land in the rear of the Bradford block, on Hope street.

NORTHBORO, MASS.—John Lowe is planning a new house for his Main street greenhouses. Henry C. Corey will build an addition to his place on Whitney street.

BALLSTON SPA, N. Y.—About fifty of the friends of Mr. and Mrs. Anton Meninger gave them a farewell surprise party. They are about to move to Hoffman's Ferry, where he will have charge of a large greenhouse for John C. Hatcher.



PROSPERITY CARNATIONS AT DAILEDHOUSE BROTHERS, FLATBUSH, N. Y.

THE RETAIL TRADE

NEW roses come and go—American Beauty, Bride and Bridesmaid remain.

SAGACIOUS growers claim that the present popularity of gardenias will be short-lived, but they can't prove it.

A Useful Stock Design.

The illustration shows a design arranged to make a large show for the money. Frequently pieces of this character are accepted by those who do not know just what they want except that they are tempted by a big eye-ful for their money and find it in the one-sided panel. Wire panels and easels or panels with feet and a wire support should be in stock in various sizes, and during the winter season one should always be made up with a background of green or bronze galax of medium size and kept handy, as it can often be used to capture a doubting or faltering committee. A cluster of roses or lilies hastily gathered together and held in the center of the panel and a made up bow of ribbon from the case brought up at the right moment by one of the watcher oftentimes adds the touch that captures the order. ROBERT KIFT.

New York.

The influx of stock continues to be greater than the trade demands and the clearing up of what is sent in is just as difficult as it has been during the past two weeks. There is, however, a noticeable improvement in the quality of arrivals. Carnations are strong and looking much better than they have been up to this time. Of course the chrysanthemum is on hand in abundance. The early varieties have had their day and have now given place to the standard later sorts; Major Bonaffon was seen in small numbers during the week and others of that class will quickly follow. Violets are moving very well in the face of largely increased demand, although supplies are large also; in quality they are improving and the increasing favor which they are meeting looks for a still better market for these flowers. The general condition is not active, as is always the case about election time. An improvement is looked for in all lines after next Tuesday. Roses are evening up better, and meet with a fair demand, really good stock clearing at maximum prices. Orchids continue plentiful; *Cattleya labiata* is running to the end and *Dendrobium formosum giganteum* has done well, having been the feature in several October weddings. *Phalaenopsis* is quite a favorite, too, for similar occasions and for dinners, and *oncidiids* are in better demand than heretofore. Lilies are plentiful and on the whole clean up well, so does lily of the valley. Infact all white flowers are good. *Bouvardia* is seen at times. Paper White narcissi have been seen during the last few days. Hallowe'en gave things an impetus on Monday, especially as regards chrysanthemums, which were found very acceptable for dinners on that night, and several unique decorations were made in the spirit of the day.

Harry Hoffmeier, the florist at Eighty-third street and Broadway, had a carte blanche order for a dinner from a prominent banker, and he put up a unique setting which embraced the features of the fête. The center was laid out as "field, farm and garden." There were minia-

ture pumpkins, artificial ones, of course, and jack o' lanterns, too. There were miniature shocks of corn and everything else appropriate to and symbolical of the humors of the night, including spooks and fairies. In fact, Mother Goose herself was given a prominent place in a skyward flight on her broom stick. It was a clever conception and well carried out. The decoration was a source of much merriment to the guests.

Chas. Smith, of Woodside, L. I., left on an extended trip to Europe on Saturday on the Umbria. Mrs. Smith is already on the other side and a tour is planned. In Mr. Smith's absence the business will be managed by his son, in fact it is not probable that Mr. Smith will personally be active in the business any more.

The chrysanthemum show at Macy's hall by the American Institute, which opens on the 10th, will be the only show in the city and will draw a crowd of visitors from out of town. The managers report entries for even more space than last year, when the Chrysanthemum Society of America joined forces.

William D. Barnes, a well-known horticulturist and an authority on fruit growing, died last week. He held the office of a member of the board of control of the New York State Agricultural Experimental Station at Geneva for six years, being appointed by Gov. Flower.

The Horticultural Society of New York begins its winter session next Wednesday by the council dining at Monquin's restaurant in Sixth avenue close to Twenty-eighth street. This is a new feature which it is proposed to make monthly.

Bloomingdale's dry goods store, which has recently increased and remodeled the greenhouses on the roof, made a special feature of an orchid show this week, and advertised it as a feature in their announcements in the Sunday papers.

Young & Nugent had a good deal of memorial work last week. One of the pieces was a triumph wreath of real Scotch heather and laurel leaves.

The New York Cut Flower Exchange will have its ice box completed by November 15. It will come under the management of Phil Kessler.

Alfred Dimmock is showing his customers the latest issue of *Flora* and *Sylva*, containing a fine colored plate of *Nicotiana Sandere*.

John Scott is the recipient of another medal for his Scott fern; this time from the critics at New Orleans, who gave it a gold medal.

D. W. Wittpenn, of McHutchinson & Company, has returned from his honeymoon trip to Washington, D. C.

Wm. Matthews, of Great Neck, L. I., is building two greenhouses, 26x180 feet.

Visitors: Mr. and Mrs. George Burton and John Burton II, from Philadelphia; C. L. Yates, Rochester, N. Y.; T. B. Meehan, Dreshertown, Pa.

Chicago.

Conditions here could be better, although when one hears the wails of dealers in most all other lines it might be said that our craft is getting its full share of the trade that is going around. The early part of this week brought a return of warm weather and with it a considerable quantity of soft stock. Early chrysanthemums are fast disappearing and midseason varieties coming in rather too large numbers to suit the grower and commission man. Should the existing high temperature continue for any

length of time it is feared that it will be impossible to hold back such varieties as Bonaffon for Thanksgiving. The country demand for good stock has wavered more or less the past week. Shippers say larger quantities than is usual for this time of year have been moved but not at heavy quotations, American Beauty in the better grades being about the only variety in roses that holds its own. Carnations are placed fairly well, likewise the same regarding violets. Wild smilax is now to be had in fine quality and with an active call.

The executive committee of the Horticultural Society of Chicago met Wednesday night at Vaughan's Seed Store with a good attendance and a very general discussion was had on all the details connected with the show. Matters were taken up on committee reports, all of which showed that plans were well matured for a successful show. The added classes on the premium list as arranged at last meeting were confirmed. The committee on examination of exhibits was appointed as follows: J. F. Klimmer, Robert Johnstone, C. J. Strombach, F. F. Benthey, A. McAdams and Chas. McKellar. A florist supper was approved of and John P. Degnan was appointed chairman of a committee to take care of it. Leonard Kill, as chairman of the souvenir flower committee, reported that in his judgment enough would be provided so that they could be offered to every lady visitor attending the show day and evening. Manager George Asmus reported that the trade was giving him good help and encouragement on all lines and that the sale of souvenir postal cards for distribution by all the retailers would give much valuable publicity to the show. P. J. Hauswirth telephoned from St. Louis reporting completion of detail work in connection with the World's Fair show. Secretary Rudd reported all season passes ready for the Florists' Club members in good standing. William Duckham has accepted an invitation to act as one of the judges.

There promises to be a rousing delegation of Florists' Club members and bowlers on hand at Joliet Saturday night for the annual bowling match on the closing day of the exhibition of the Improvement Association. The boys will leave via the Rock Island, La Salle street station, at 6:05 p. m. After the match a banquet will be given in the Elks' lodge rooms. At the last meeting of the Florists' Club five names were mentioned for membership as follows: Harry Blewitt, James Hancock, R. J. Mohr, William Greisinger and George Ball.

The J. D. Thompson Company, of Joliet, is out with an invitation to all visitors to the convention of the American Carnation Society to visit the greenhouses at Joliet during the time of the convention here January next. It is probable that a special train will be chartered for the occasion.

Vaughan's Seed Store expressed a carload of exhibits, mostly plants, to the World's Fair flower show due there Sunday. Our leading cut flower growers who will ship blooms there will probably express the same on Sunday.

The Chicago Carnation Company is sending in excellent chrysanthemums. A sister of Manager James Hartshorne has been busy at the Flower Growers' Market handling the daily receipts.

C. L. Washburn is down for an essay on the programme of the convention of the American Carnation Society, to be held here January 28 and 29, 1905.

Few better Bridesmaid roses are found on this or any other market than those gracing the tables of the Bentley-Coatsworth Company.

The bowling trophies won at the St. Louis convention by the local team are on exhibition at E. F. Winterson Company's.

Sinner Brothers report a steady shipping business for the week. Their Lawson carnations deserve special mention.

Chatenay roses in splendid form are being handled by Vaughan & Sperry. They report a steadily increasing business.

Bassett & Washburn's chrysanthemums are fully up to the high standard established by that firm last season.

Weiland & Risch are showing roses and chrysanthemums at the Joliet exhibition this week.

The Flower Growers' Market enjoyed a "clean up" day nearly every day of the past week.

A. L. Randall Company is receiving good Mayflower and Bonnaillon chrysanthemums.

Kennicott Brothers Company this week handled several important orchid shipments.

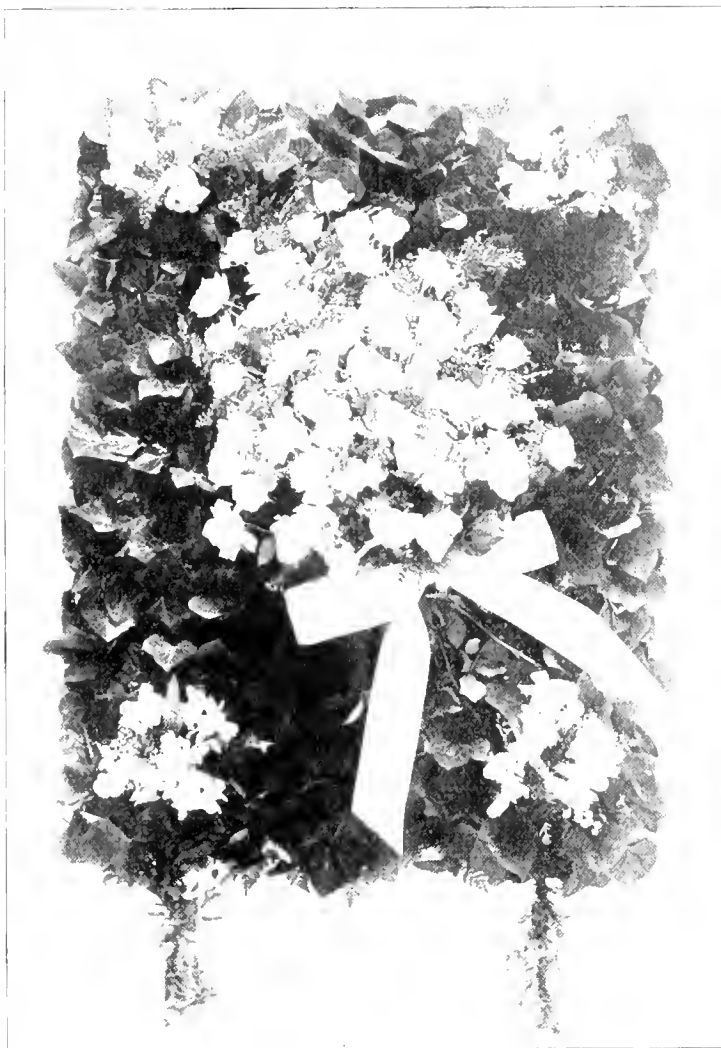
Poehlmann Brothers Company occupies front rank in the American Beauty line.

Philadelphia.

On account of All Saints' day there was the usual extra demand, mostly for white flowers. Quantities of white chrysanthemums were used for cemetery decorations. Aside from this and some wedding and store decorations there was not much increase in the general business. Chrysanthemums are now to be seen in large quantities, and in some cases are becoming cumbersome. Ivory is now the leading white, with Robinson second. Appleton is best yellow, with Bonnaillon just coming in, pushing it hard. Harris's Yellow is also much in demand. Maud Dean and Duckham are the best pinks. Pink Ivory would have a large sale if it could be relied on to come true, as it is a sized flower that is much in demand. Yellow and White Eaton are also showing as big and clumsy as ever. Roses are halting a bit, the pace set by their more showy competitors being too much for them. They are increasing in size, with better color and form. American Beauty is particularly fine, as much as \$4 per dozen is asked for the longest. The price may be said to be about \$1 per foot of stem per dozen, 12-inch stems bringing \$1 per dozen. Bride and Bridesmaid have not yet reached above \$6. Carnations are coming in a bit too fast for their own good and very fair stock can be had for \$1. The best Enchantress, very choice stock, brings but \$3. What a great variety this is! There seems a good demand for gardenias, which are all grabbed up on sight, either for shipping orders or for home consumption.

Hugh Graham had charge of the chrysanthemum show and decorations at Gimbell Brothers department show this week. It was a great exhibition, large quantities of palms, chrysanthemums in pots, vases of orchids and other choice flowers were used. A large aisle in the second floor running the full length of the store from Eighth to Ninth street was laid out with a garden effect in which were numerous beds of growing plants, fountains, etc. It attracted a great deal of attention and was certainly a credit to Hugh Graham and his able assistants.

The November meeting of the Florists' Club was entertained with short papers



A USEFUL STOCK DESIGN.

on chrysanthemums by Wm. Swayne, of Kennet and John Dodds, of Narberth. Early varieties were mostly touched on and their merits described. Mr. Stroud, of Strafford, exhibited a fine lot of choice chrysanthemums and carnations for which he received the thanks of the club. By the action of the club, lines are already being laid to give the delegates to the S. A. F. convention a pleasant time as they pass to and fro through this city next summer.

The Leo Niessen Company claims to be headquarters for carnations in this city; the consignments are now averaging some 75,000 per week. Their special American Beauty roses are about the best ever seen at this season of the year. The same company put over 1,000 fancy chrysanthemums in the Hugh Graham decorations at Gimbell's this week.

The Philadelphia Cut Flower Company is still receiving some good shipments of purple asters. They are handling some particularly fine Enchantress and Prosperity carnations, and some extra special American Beauty roses with unusually long buds.

Jack Crawford is now in charge of the wagon route of Bernheimer's business and is quick to see an opening. Jack is an old timer and his experience will be a great advantage.

The Philadelphia Cut Flower Company reports that things are moving along

nicely. The firm is now strong on choice chrysanthemums, carnations and fine Kaiserin roses.

Berger Brothers are handling some choice chrysanthemums. They are also in it on Bride roses.

The Philadelphia Carnation Company is building a new 176-foot greenhouse at their Secane place.

S. S. Pennock's smile has broadened considerably the past week. Ask him why.

K.

Boston.

The market the past week has experienced one of the few slumps which occur every year just about this time. This falling off is due principally to the large quantity of chrysanthemums being brought in. The chrysanthemum is a flower which lasts for so many days, and for which there is such a large demand by the general public, that during the period of its prime the other flowers are a drug on the market and prices fall. Roses, violets and carnations all brought minimum prices, even the best stock being practically in no demand. The chrysanthemums this year are of very good quality and have come into the market in exceptional quantities. The public demand shows no falling off. Violets have been selling readily, the demand being heavy, at prices ranging

from 35 cents to 75 cents per 100. The quality of the roses and carnations continues high. The weather has been very sunny and flowers have advanced rapidly, this fact tending to make a surplus on the market and reduce the prices still further. Taking the market as a whole, prices last week ran very close to fifty per cent less than the week previous.

N. F. McCarthy & Company held auction sales last Friday and Tuesday of the stock just received from Holland. The warm weather in Holland has made roses later this year than last, and has retarded the sales somewhat. The prices this year are as a rule running lower than those of last year. Besides the imported roses, there were offered at these sales Japanese yews, English yews, retinosporas in variety, juniper, box trees, box brushes, hydrangeas, Azalea mollis, magnolias and Berberis Thunbergii. The prices on all ranged low. The sale of hardy roses at auction will occur later.

Nicholas F. McCarthy, of Boston, is grading for one of the largest greenhouses in the United States. The dimensions of the house will be 25x54x1,000. Under the house for 300 feet there will be a cellar, which will be used for a stable, steam fitting shop, carpenter shop, and storage for bay trees. The walls of the house are to be of natural field stone, filled with Clinton red, and the house proper is to be of iron construction.

The George A. Sutherland Company has been incorporated under the laws of Massachusetts, with the capital stock fixed at \$5,000. George A. Sutherland is the president and manager and the financial man of the concern, James F. Burke, is the secretary and treasurer. They have taken the store formerly occupied by Mr. Sutherland and have entirely renovated it, and supplied it with new fixtures throughout.

The annual meeting of the Massachusetts Horticultural Society for the election of officers and for the transaction of business will be held at Horticultural hall on Saturday, November 19. The election will be by Australian ballot and the polls will be continuously open between the hours of twelve, noon, and four in the afternoon.

The executive committee of the American Rose Society met at Boston on Friday, November 4, to further arrangements for the coming meeting next spring. President Montgomery is working hard to make the event a brilliant success, and is doing his best to re-establish the rose society on a progressive basis.

The Waban Rose Conservatories have occupied the premises recently leased by them at 3 Somerset street, and have finished the large room in a whitish tint which gives a very attractive appearance. The smaller room has been made over into a fine ice chest large enough to hold many thousands of flowers.

The retail trade in this city has been for the past few weeks very irregular, trade being for several days in succession very good, and then for a few days falling off to almost nothing. This in a great measure can be laid at the doors of the chrysanthemums.

Thomas F. Galvin reports the best trade for the month of October that he ever had for that month. The extensive decorations at the Algonquin club for the Beacon Society's reception to President Eliot, of Harvard, were furnished by Galvin.

Edward McMulkin, of Boylston, had a very attractive window the past week, being a purple and yellow effect, made

up principally of orchids and chrysanthemums, with a green background.

William Nicholson, of South Framingham, has been bringing in some very fine carnations, and for the fancy varieties has been obtaining \$4 per 100.

Sidney Hoffman, of Cambridge, who has Thomas Dee's old place at Mount Auburn, has been bringing in some very fine mixed chrysanthemums.

Julius Zinn, of Beacon street, has been selling a large number of house plants to people who are returning from their country homes.

Welch Brothers are handling the best American Beauty roses we have seen in quantity here at this season.

C. P. Grimmer, of West street, this city, reports a good demand for the new rose, the Wellesley.

Paul Berkowitz, of H. Bayersdorfer & Company, of Philadelphia, was a visitor.

NOTES.

A party representing the Gardeners' and Florists' Club visited the Waban Rose Conservatories October 29 and were shown over the establishment by the Messrs. Montgomery. The stock throughout was in excellent condition, the 700-foot house of American Beauty roses being especially fine. The new rose Wellesley, however, was the chief attraction. This is a Bridesmaid seedling, very free of growth and produces good flowers after the character of La France and Duchess of Albany in color. Alex. Montgomery, Sr., predicts that this variety will take the place of Mme. Chatenay. Many of the new varieties of chrysanthemums are being tested for their commercial utility, the best to date from this standpoint being Dr. Enguehardt. After the rounds of the greenhouses Mr. and Mrs. Montgomery entertained the visitors at luncheon. President Pettigrew, on behalf of the club, thanked Mr. and Mrs. Montgomery for the pleasures of the occasion and after singing "Auld Lang Syne" the guests dispersed to their various homes. The visitors included J. A. Pettigrew, Wm. Nicholson, Peter Fisher, Kenneth Finlayson, C. T. Sander, Thos. Roland, Wm. J. Stewart, M. A. Patten, Daniel Whyte, James Nichol, Wm. C. Rust, James Wheeler, J. W. Duncan, J. Huerlin and M. Barker.

P. Welch returned October 28 from Montreal, where he made a close study of the new customs regulations in the interest of his firm's clients.

St. Louis.

The market the past week has been much more favorable. There is good stock and plenty of it, with perhaps carnations a little short, especially colored varieties. Carnations have brought 2 to 3 cents, although a few poor white and pink have sold as low as 1 cent. Chrysanthemums have also arrived more plentiful, especially yellow and white. White sells at a pretty stiff price. Chrysanthemums have sold at 4 to 8 cents for small varieties; fancy 10 to 25 cents. Violets are improving in size and color. Some extra fine doubles were seen in this market the past week. Double violets have always been a scarce article in St. Louis. Roses are coming in much better in quality. Some good Perle and Liberty have been of very good average.

Alex. Walbart has a fine house of chrysanthemums just coming into bloom. This gentleman has established a fine trade in his new location on Hamilton avenue.

F. J. Foster has had a fine display of fancy chrysanthemums in his window at

his store on Olive street. Fred reports trade as very good.

Miss Theresa Badarraco has a fine display of all varieties of cut flowers in her windows and reports trade first class.

L. Kleinlein has a pretty store well supplied with fresh flowers and artificial work which he imports direct from Germany.

We expect this coming week to see quite a few visitors in connection with the World's Fair exhibition.

Young & Sons have been very busy the past week with decorations and funeral work.

H. G. Berning has been receiving the past week some extra fine chrysanthemums.

M. M. Ayers has had a very busy time the past week with decorations and weddings.

The Ellison Floral Company reports trade as very good.

C. A. Kuehn has received some good consignments of double violets.

Ostertag Brothers report trade as tip-top and lots of work.

Visitors: Geo. M. Kellogg, Pleasant Hill, Mo.; E. C. Keck, wife and family, Washington, Ia.

Baltimore.

Trade last week was fairly maintained, but there were too many chrysanthemums, and there was some severe forcing necessary to get the market cleared off by Saturday night. This week opens up with more spirit, and Monday found pretty much everything sold by the time business was over on All Saints' day, and there was brisk inquiry all around for cut flowers, and white chrysanthemums were cleaned up, with some remainders left of yellows and pinks. The market men have not had so good a day for weeks, and all looked as cheerful and bright as the weather, which is simply perfection—clear, dry and bracing. Roses are improving, and the chrysanthemums which come into the market, especially of the newer varieties, are in most cases well done. The output is probably somewhat in excess of the demand, however, taken day by day.

John Cook has built on his place on Edmondson avenue, extending a new palm house, 22x105 feet, intended mainly for the storage of plants used for decorations, the side benches being devoted to orchids and ferns. Mr. Cook keeps unremittingly at the hybridizing of roses and has all the time a quantity of new candidates for favor. He is much gratified by the reports received of the manner in which Cardinal and Enchanter, sent out last spring, are disporting themselves. He has now two varieties which he thinks give promise of being very valuable for forcing—one, a blush, of beautiful form, which will probably be named Lady's Blush, a cross between Marie Van Houtte and his own Enchanter, and the other a pure white of grand size, form and substance, the progeny of his own rose Baltimore and Alice Ennor. He is disposed to believe this the greatest success he has yet achieved in this line of his activity.

Wm. J. Halliday, who, after the fire, when down town stores were in such great request, sold the lease of his store on N. Charles street and removed to Madison avenue, is about to return to his old neighborhood, having leased 323 N. Charles street, a new and commodious store, with a very handsome show win-

dow, quite in the midst of the flower trade.

E. Holden, noted for his success with forced fruits and vegetables when in charge of the place of Mrs. Robert Garrett, is building up quite a place of his own and has a fine house of tomatoes, which will be about in full crop at Christmas. He has also a large mushroom house giving good promise of results.

C. E. Smith & Company are reconstructing their store at 121 N. Liberty street, adding a glass-roofed show room in the rear, made possible by leasing a lot back of their store, thus adding to their accommodations and convenience.

John McCormick, Edmondston avenue, has built a new rose house 140 feet long, and has remodeled his heating system, putting in a 50-horse power return tubular boiler, which will carry the whole establishment.

S. B.

Washington.

There is a large amount of good stock in sight. Though there has been considerable decorating and funeral work the past week, along general lines sales have been slow. There are several reasons for this condition of trade, but the chief one is undoubtedly that feeling of uncertainty which possesses the minds of many just previous to a presidential election. While it is safe to state that the masses of the people do not expect a change of administration, yet to a city with a population which includes a very large proportion of government employes the minor details of life are, for the time being, brushed aside to make room for the greater question of to be or not to be. Chrysanthemums of fine quality are now plentiful, and roses and carnations must for a time go away back and sit down.

It will be remembered of the lamented Wilkins Micawber that he waited for "something to turn up." Fred H. Kramer's way is just the opposite. When days are dark and skies are dreary he turns up something. On October 31 he had a chrysanthemum show of his own at his F street store, and it was an affair creditable to himself and his assistants, W. M. Smith, J. K. Davis and Miss Beatrice Smith. There was just enough space left to move around in between the great bunches of choice chrysanthemums banked with crotons, Boston and Pierson ferns and adiantum. Col. Appleton was the leading yellow, J. K. Shaw pink and Mrs. Robinson white. Ethel Fitzroy and a number of the other fancies showed up well. The ceiling of the store was handsomely decorated with miniature colored electric lights on a field of smilax. The attendance was good and Kramer stock has gone up several points. All the stock was grown at his own greenhouses.

A. Gude & Brother—in this instance please accent the brother—have removed to their new, handsome and commodious store, 1214 F. street, N. W. The location is near to their old store, which was 1224, but the new building was erected expressly for their business and under their direction and is strictly up to date. They opened up with a fine show of American Beauty roses, chrysanthemums, palms and ferns. When they get fairly settled, which will be in about ten days, W. F. Gude allows that he will show the boys a few tricks in store decorations.

Seeing is believing. I recently noticed in J. A. Small & Sons' window a bunch of the new rose, Tom Field, and for size of bloom and length of stem they are in reality "a good second to American

Beauty." Small had a fine decoration in the Corcoran gallery of art on the night of October 29, the occasion being a reception to the members of the Iron and Steel Institute and their ladies.

Alex B. Garden has this season rebuilt three of his houses, installed a new boiler and made many improvements in the piping, doing much of the work with his own hands, not of necessity, but because he likes to work. He is this year putting in a great stock of tulips, narcissi and hyacinths.

George C. Shaffer had four wedding decorations last week. George has been making great improvements in his store, and has, in addition to other fixtures, several new mirrors. He is showing an extra fine lot of Col. Appleton and J. K. Shaw chrysanthemums.

A. O. H. Ochmler has just returned from Spartansburg, N. C., where he was engaged on a large wedding decoration for A. Gude & Brother. He took with him over 1,000 chrysanthemums and other flowers. He returned delighted with southern hospitality.

A. F. Faulkner has been made happy by being joined by his daughter, Miss Robena, who, after visiting the World's Fair, came on to Washington.

George W. Cooke has a fine stock of Col. Appleton and other chrysanthemums, which were grown by Minder Brothers.

Christian Schellhorn is cutting good chrysanthemums of the standard varieties. S. E.

Detroit.

The ceremonies of the Michigan Cut Flower Exchange opening which took place Thursday, October 27, concluded with a banquet at which were present many out of town florists and all local members of the trade. The evening was most enjoyably spent. Toasts were responded to by many present. The exhibition feature was not competitive but very extensive and much fine stock was shown. By far the most interesting was the new scarlet carnation Robert Craig, exhibited by J. D. Thompson Carnation Company, of Joliet, Ill. The bright vermillion scarlet blooms, while not extraordinarily large, were borne upon straight stiff stems, twenty-four inches long. The greatest success was freely predicted for this novelty, which at once commends itself to the skilled carnationist. The complete list of exhibitions follows:

Grand Rapids Floral Company, violets (Campbell) American Beauty and Meteor roses.

Nathan Smith & Son, vase each White Lawson carnation and pink Queen chrysanthemum, the latter being a new variety exhibited for the first time. It is a Japanese incurved, of a distinct pink shade, the result of a cross between Iolantha and Mrs. Coombes, a dwarf grower flowering about the same time as Glory of Pacific. It will be disseminated in 1905.

Minneapolis Floral Company, new pink rose, large flowers, soft pink color with most excellent heavy foliage; was shown in good condition several days after shipment.

Graham Brothers, Saginaw, Mich., vases of good Bridesmaid roses.

Chicago Carnation Company, Joliet, Ill., vase each Carnations Fiancee and Cardinal, the blooms of the former being fine and large but with stems somewhat weak.

J. M. Gasser Company, vase of well

grown specimens of Gen. MacArthur rose; James Dixon, Northville, Mich., vases of chrysanthemums; E. Dungey & Son, Orion, Mich., vases chrysanthemums; J. D. Thompson Carnation Company, fifty blooms of the new scarlet carnation, Robert Craig, exhibited for the first time since it was named; Chas. Kellar, Woodmere, Mich., Easter lilies; Geo. Browne, Greenfield, Mich., vase splendid Mrs. Patten carnations; Thos. Browne, Greenfield, Mich., vase white Lawson, Nelson Fisher, Gov. Wolcott and Enchantress; Frank Holznagle, Highland Park, Mich., vase immense blooms chrysanthemum Mrs. H. Robinson; August Von Boeselager, Mt. Clemens, Mich., vase each Chrysanthemum Glory of Pacific and its white and yellow sports; Lawson, Enchantress and Dorothy carnations and violets; John Carey, Mt. Clemens, Mich., La Detroit and Meteor roses and good M. Louise violets; Fred. Pantke, Grosse Pointe Farms, Mich., Robert Halliday and other standard varieties of chrysanthemums; H. Fruck, Grosse Pointe Farms, Mich., his new fern, a cross between Nephrolepis d' furcans and N. exaltata; Robert Klagge, Mt. Clemens, Mich., Crane, Enchantress, Queen Louise, Morning Glory, Lawson, Flora Hill, Dorothy carnations and collections of seedlings; vases of chrysanthemums and Kaiserin roses.

Of the local growers the exhibitors were H. Flammer, rubber plants and Boston ferns, the latter in many different sizes; Geo. A. Rackham, vase of chrysanthemum Monrovia, bush chrysanthemum plants, cyclamens and Asparagus plumosus; G. H. Taepke, Mrs. Weeks, Sun Stone, Reverie and Ivory chrysanthemums and carnations, white and pink Lawson, Fair Maid, Flora Hill, Morning Glory, Guardian Angel and others, also specimen plants of Begonia Gloire de Lorraine; Beard Brothers, vases of White Cloud, Guardian Angel and Crane carnations; B. Schroeter, a new carnation sport of Enchantress much deeper in color than the original, many varieties of orchid plants in bloom, specimen plants Pierson and Scott ferns in many sizes, also specimen plants of Adiantum Croweanum and Adiantum decorum, kentias single and made up of heavy bush plants; John Breitmeyer's Sons, Mt. Clemens, Mich., Dazzler, Mrs. Coombes, F. S. Vallis, Bonnafon, Gen. Carpenter chrysanthemums and many others; in carnations, Nelson Fisher, Enchantress, the Belle, Lady Bountiful, Harlowarden, Fair Maid, Crusader, Flamingo and many others; La Detroit roses, also American Beauty, Hoste, Liberty, Gen. MacArthur, Cusin, Mildred Grant, Bride, Jos. Hill and Bon Silene. From the same firm's Mack avenue greenhouses came well grown specimen standard chrysanthemum plants, Boston and Scott ferns and beautiful specimens of large Adiantum Farleyense.

J. F. S.

PRISTOL, R. I.—Samuel Kinder is to have a new greenhouse on land he recently purchased on the west side of Hope street.

BASTROP, TEX.—A flower show, under the auspices of the Ladies' Cemetery Association, will be held November 17 and 18. This will be the third annual exhibit.

IPSWICH, MASS.—James Burke has purchased the greenhouses and business of James Mann, of Washington street. The new owner expects to add many improvements and increase the facilities.

THE AMERICAN FLORIST

TWENTIETH YEAR.

Subscription, \$1.00 a year. To Europe, \$2.00.
Subscriptions accepted only from those
in the trade.

Advertisements, on all except cover pages,
10 Cents a Line, Agate; \$1.00 per inch.
Cash with Order.

No Special Position Guaranteed.

Discounts are allowed only on consecutive inser-
tions, as follows—6 times, 5 per cent; 13 times,
10 per cent; 26 times, 20 per cent;
52 times, 30 per cent.

Space on front pages and back cover page sold
only on yearly contract at \$1.00 per inch, net.

The Advertising Department of the AMERICAN
FLORIST is for florists, seedsmen and nurserymen
and dealers in wares pertaining to those lines only.

Orders for less than one-half inch space not accepted.

Advertisements must reach us by Wednesday to
secure insertion in the issue for the following
Saturday. Address

AMERICAN FLORIST CO., Chicago.

When sending us change of address, always send
the old address at the same time.

BEGONIA GLOIRE DE LORRAINE has lost
none of its popularity to date.

HERBACEOUS PERENNIALS, in select
varieties, should be carried in stock by
every florist in residential suburbs.

DRACENA TERMINALIS, as Julius Roehrs
grows it, is the best holiday novelty, the
coloring of the plants being unparalleled.

At this time it is noteworthy that,
while the New York and Philadelphia cut
flower markets are slow, Chicago and
Boston markets are comparatively active.

NOVEMBER 10, says an authority who
has observed the weather closely for
twenty-five years, is the latest date when
common box cars may be safely used for
the shipment of perishable stock.

No actual awards at the World's Fair
in agriculture or horticulture have been
finally approved by the National Com-
mission as we are informed. When such
awards become final the AMERICAN
FLORIST will make them public.

THE AMERICAN FLORIST has compiled
and printed a very seasonable vest
pocket booklet of eight pages covering
the official scales for judging adopted by
the chrysanthemum, the carnation and
rose societies of America. We shall be
pleased to mail it free to any of our friends
on receipt of a self addressed stamped
envelope.

F. W. TAYLOR, Chief, Department of
Horticulture, World's Fair, has issued a
general invitation to all florists, nursery-
men, gardeners and everyone interested
in horticulture in the broadest sense, to
meet in conference in the Agriculture
building on Thursday, November 10, at
3 p. m. Topics of broad interest will be
discussed. The meeting will be one of
the pleasant features of the World's Fair
exhibition.

Meeting Hours at Flower Show.

For the benefit of those visitors who
desire a meet one another during the
World's Fair flower show a fixed rendez-
vous has been decided upon and a sec-
tion of the conservatory near the office
for desks and register has been secured.
Trade visitors are requested to so arrange
their sight-seeing so as to be present at
the office of the association in the con-
servatory, either in the forenoon or after-
noon of each day to meet each other, the
meeting hour for the morning being 10
o'clock and for the afternoon 4:30. By
arranging appointments with your
friends at this time and place no time
need be lost seeking each other. Address

your mail and have it addressed in care
of the World's Fair Flower Show.

American Carnation Society.

The preliminary premium list of this
society, for the next annual convention
and exhibition to be held in Chicago,
January 28 and 29, 1905, is now being
distributed. The usual premiums for cut
blooms and a number of special prizes are
noted. The Lawson gold medal will be
awarded to the best 100 blooms of any
color, and the silver and bronze medals
to the second and third best respectively.
The silver medal awarded by the S. A. F.
will be given for the best fifty blooms of
undisseminated variety and the second
best will secure the S. A. F. bronze medal.

Greenhouse Heating.

ED. AM. FLORIST:—I have a coil boiler
and want to change the piping in two
houses. At present they are fitted up
with side coils of 1½ inch pipe with a
2-inch flow. I want to change this and
put the pipes under the benches with an
extra 1½-inch pipe to the returns under
the bench. Do you think it would work
satisfactorily, or could 2-inch pipe be
used altogether instead of the 1½-inch
returns which I lead with a 2-inch flow?
The length of the boiler is fourteen feet,
made of 2-inch coils. The fire box is 2x4
feet.

SUBSCRIBER.

So much depends on the size of the
houses and the construction of the boiler
and coils that a definite answer can not
be given. If the top of the boiler is below
the level of the coils there is no reason
why they should not work under the
benches as planned. If the construction
of the boiler is such as to give a free flow
for the 2-inch mains they will probably
be better than smaller flows. L. R. T.

Chrysanthemum Society of America.

President Herrington has announced
the committees to examine seedlings and
sports on dates as follows: November
5, 12, 19 and 26, 1904.

Exhibits to receive attention from the
committees must in all cases be prepaid
to destination, and the entry fee of \$2
should be forwarded to the secretary not
later than Tuesday of the week preceding
examination.

New York—Eugene Dailledouze, chair-
man, care of New York Cut Flower Com-
pany, Sixth avenue and Twenty-sixth
street. C. H. Totty, Wm. Plumb.

Philadelphia, Pa.—A. B. Cartledge,
chairman, 1514 Chestnut street; John
Westcott, Wm. K. Harris.

Boston, Mass.—E. A. Wood, chairman;
Wm. Nicholson, James Wheeler. Ship to
Boston Flower Market, care John Walsh.

Cincinnati, O.—R. Witterstaetter, chair-
man; James Allen, Wm. Jackson. Ship to
Jabez Elliott Flower Market, care jan-
itor.

Chicago—James S. Wilson, chairman;
Edwin Kanst; P. J. Hauswirth. Ship
care of J. B. Deamud, 51 Wabash avenue.

The Chicago committee serves at the
World's Fair show.

The executive committee has decided to
use the new scales prepared by the com-
mittee appointed for this purpose at the
convention in New York. These scales
are to come up for discussion and final
adoption at the convention in Boston
November 3, 1904. The use of the scales
by the committees previous to that time
will give them a try-out and help to dis-
cover faults if any are to be found. The
scales are as follows:

| COMMERCIAL. | | EXHIBITION. | |
|----------------|-----|---------------|-----|
| Color..... | 20 | Color..... | 10 |
| Form..... | 15 | Stem..... | 5 |
| Fullness..... | 10 | Foliage..... | 5 |
| Stem..... | 15 | Fullness..... | 15 |
| Foliage..... | 15 | Form..... | 15 |
| Substance..... | 15 | Depth..... | 15 |
| Size..... | 10 | Size..... | 35 |
| Total..... | 100 | Total..... | 100 |

SECRETARY LEMON'S REPORT.

In making a report for the year 1903-4
it is not necessary to give a review of the
work of the year, as the published pro-
ceedings for 1903 show the results which
have been accomplished. The delay in
placing this publication in the hands of
the members is greatly regretted by the
secretary, and can only be explained by
the lack of a realization of the immense
amount of work and time required to
prepare the Elmer D. Smith variety lists
for the printer and a consequent delay in
beginning the work.

The publication of the proceedings for
1903 will cost the society —. The
income of the society for the year, as
will be seen by the treasurer's report,
will not nearly equal this outlay; at the
convention in November, 1903, the secre-
tary, realizing that such would be the
case, asked for instructions regarding the
extent of the publication and received
orders to "make it as complete as pos-
sible." Now, it is certain that the society
cannot go on spending more each year
than it receives. The income resulting
from the exhibition of seedlings before
committees is much less than in former
years and for some unknown reason the
secretary finds it very difficult to per-
suade the members to pay their dues
promptly. Three appeals have been sent
out during the year and yet there are
ninety-one members delinquent. Even if
all dues had been paid the income would
still be too small to cover this year's
expenses. It will be understood, of
course, that this publication has cost
more than the proceedings will cost in
the future on account of the variety lists.
All things considered, the secretary
strongly recommends that the dues be
increased to \$2 per year, payable in
advance, as suggested by C. W. John-
son.

Further, the society should pass a
resolution instructing the secretary to
mail the society's valuable publications
only to members whose dues are paid.
A genuine effort on the part of the mem-
bers to get their neighbors to join would
certainly increase the membership list.

For some reason unknown to the
writer there has been a great falling
off in the demand for the society's cer-
tificates during the past few years. It is
a peculiar fact that not one of the wonder-
ful Wells-Pocket set of novelties for last
year was set up before the committee.
Since one of the five "objects" given as
reasons for the organization of the C. S.
A. is "to stimulate the growing and
introduction of improved varieties in
every legitimate way," the society ought
to inquire into the reason for this condi-
tion and endeavor to correct it. If the
society could see its way clear to offer a
medal to the firm receiving the greatest
number of certificates in a year exhibiting
before the committees would be stimu-
lated. A proper revision of scales is also
of the greatest importance. In this con-
nection the secretary desires to state that
the use of the new scales for this fall's
judging was favored by every member of
the executive committee except one, and
as a consequence the scales were put into
use, mainly for the purpose of testing
their efficiency.

The most important work before this

convention must be the consideration of plans to increase the society's income or reduce expenses.

WORK OF COMMITTEES.

Brighthurst, exhibited by Nathan Smith & Son, before the New York committee October 29; color rose pink, silver reverse; Japanese; scored, commercial scale, 90 points; exhibition scale, 85 points.

Mrs. John Fries, exhibited by John Fries, Covington, Ky., before the Cincinnati committee October 29; color Bonnaffon yellow; incurved Japanese; scored 86 points commercial scale; flowers shown were grown two to one plant.

FRED H. LEMON, Sec'y.

The New Chrysanthemum Scale.

ED. AM. FLORIST:—Mr. Lemon has evidently read my former article very hastily. Allow me to summarize the points made. They were: First, the committee had no right to put the new scale into effect until it was adopted by the society; second, the *exhibition* scale, as put into effect by them, is wrong; 10 points for color, 35 points for size—monstrous! Now why he should "ring" the commercial scale into the discussion, or the carnation scale, or the San Jose scale, I cannot see. And isn't my whole article a very plain statement of why "we old fogies" do not want the *exhibition* scale adopted, so that it should not be necessary to make any offensive supposition upon the subject? W. N. RUDD.

OBITUARY.

Elisha Nye Peirce.

Elisha Nye Peirce, the head of the firm of E. N. Peirce & Sons, the largest growers of Easter lilies in New England, died early Sunday morning at his home in Waltham. Mr. Peirce, or as he was familiarly known, "Farmer Peirce," was born at West Medford, August 21, 1839, and was a son of Major Moses Peirce. He was educated in the public schools of Medford and in the classical school of A. K. Hathaway. At the beginning of the civil war he answered the call for volunteers and went out with the Fifth Massachusetts Infantry. He took part in the first battle of Bull Run and was wounded in action. Later he re-enlisted in the Thirty-ninth Massachusetts Infantry, but was never mustered into that company, as he was appointed second lieutenant in Company E of the Fifth Regiment. Subsequently he was transferred to the United States Signal corps and served under Gens. Hunter and Foster as staff officer until February, 1865, when he received his discharge on account of disabilities received in the service. He was wounded three times. In 1863, Mr. Peirce married the daughter of Abner P. Maynard, of Arlington, and was associated in business with him from 1863 until 1871. In 1871 he established his business in Waltham, and through his skill as an expert agriculturist his success had been constant. Of later years Mr. Peirce had devoted a great deal of his time to the cultivation of chrysanthemums and carnations, but his specialty was Easter lilies, and it was his custom to make trips each year seeking new and thrifty varieties of this flower. He was a noted figure in the town meetings of the olden time and was always one of the leaders in debate. He was a member of the Massachusetts

Commandery, Military Order of the Loyal Legion of the United States; Minutemen of 1861, of which society he was president, 1901-1902; Fifth Massachusetts Veteran Association, of which society he was also president; United States Veteran Signal Corps association; Boston Market Gardeners' Association; Massachusetts Horticultural Society; Boston Co-operative Flower Growers' Association; American Carnation Society; American Chrysanthemum Society and the Masonic order. Two sons and a daughter survive him. The services were held Tuesday afternoon at 2 o'clock from his late home on Quince street, Waltham. See portrait, page 562.

H. P. S.

SITUATIONS, WANTS, FOR SALE.

One Cent Per Word.

Cash with the Adv.

Plant Ads. NOT admitted under this head.

Every paid subscriber to the AMERICAN FLORIST for the year 1904 is entitled to a five-line WANT ADV. (situations only) free, to be used at any time during the year.

Situation Wanted—Young lady, experienced, desires position about December 1. Address Box 66, care American Florist.

Situation Wanted—As working foreman; 28 years' experience. Best of references. Address Box 52, care American Florist.

Situation Wanted—By married man as gardener on a private plant. Competent on carnations, 'mums, etc. Best of references. Joe Smith, Lake Forest, Ill.

Situation Wanted—By a practical grower of roses, carnations and general bedding plants. References exchanged; 10 years' experience. Box 53, care American Florist.

Situation Wanted—By first-class florist and gardener with good recommendations. Would like a situation either private or commercial place. Box 67, care American Florist.

Situation Wanted—By young man with 6 years' experience in cut flower growing and general greenhouse work; wishes a position in a wholesale or retail house in Chicago. References. Box 64, care American Florist.

Situation Wanted—As foreman by experienced grower in place of 30,000 to 60,000 feet of glass. Married, age 28; life experience in all lines. First-class references given. Two years in last place. Box 65, care American Florist.

Situation Wanted—As vegetable gardener, by a single German of 32, competent to take charge in vegetables. Kindly state particulars in first letter. At liberty after Nov. 15. Address JOHN X. SCHAEFER, Elmira, Mich.

Situation Wanted—As working foreman, German, single, sober; 19 years' experience in cut flowers, pot plants, making-up and landscaping. Please state wages. Good references. Will go anywhere. Address Box 59, care American Florist.

Situation Wanted—By first-class florist, German Swiss, single, 20 years' experience in cut flowers, roses, carnations, violets and 'mums. Forcing bulbs, bulbous stock, growing ferns, palms and general pot plants. Able to take charge. Box 69, care American Florist.

Situation Wanted—By young man, in up-to-date retail place, with opportunity to assist in designing and decorating; 4½ years' experience, commercial and retail; good worker, habits and character. Or good commercial offer will be considered. Address 158 Lawrence St., Cleveland, O.

Help Wanted—Young men who have had experience in growing roses and carnations. W. K. PARTRIDGE, Station R, Cincinnati, O.

Help Wanted—A willing worker for general greenhouse work, cut flowers and plants. Must not be afraid of work. State lowest wages. Address GELVEN & SON, Sedalia, Mo.

Help Wanted—A man for general greenhouse work, to grow carnations, chrysanthemums, spring bedding plants and Easter forcing bulbs. Must come at once, and be sober and industrious. Address DANIEL E. GORMAN, 829 High St., Willsport, Pa.

Help Wanted—A good reliable man for first-class retail florist store; one who is a good salesman and designer. Must be well educated and neat. State salary, age and reference. A good position to the right party. Address Box 63, care American Florist.

Help Wanted—Thoroughly competent and experienced propagator, principally on roses and carnations. Must be capable of showing good results. State experience, where last employed and wages wanted. Address LAKE VIEW ROSE GARDENS, Jamestown, N. Y.

Help Wanted—An active, educated man capable of handling the flower seed, bulb and nursery stock of a large wholesale and retail seed business. Those only should apply whose character and habits are above reproach, who are ambitious, interested and willing to work, and who are not only well versed in the lines above named, but are also able to do good catalogue work so far as flower seeds, bulbs and nursery stock are concerned. Address, giving particulars in regard to experience, etc., SEEDSMAN, P. O. Box 2613, Boston, Mass.

Wanted—Medium sized, second-hand, hot-water boiler in good condition. State make, kind, size and price. Address Box 176, Beaver, Pa.

For Sale—5,000 feet of glass with stock and coal, at half value, in town of 5,000. No competition. JAS. R. JOHNSTON, Dunkirk, Ind.

For Sale Cheap—Five small greenhouses, store and two-story flat building almost new, fine location. 548 119th St., West Pullman, Chicago.

For Sale—Horizontal tubular hot water boiler in first-class condition; 9 ft. 6 ins. long; 36 inches in diameter; nearly new Deane steam pump. J. W. DUNFORD, Clayton, Mo.

For Sale—14 section modern Lord & Burnham hot-water boiler. 5,000 feet 2-inch pipe, 100 feet 12-inch pipe. The whole of above is a complete heating system used three years. Address Box 12, care American Florist.

For Sale or Rent—Owing to death of proprietor, will sell or rent well established greenhouse property in thriving southern city. No competition. For particulars, address R. A. SCHNEIDER, 2962 Wabash Ave., Chicago.

For Sale or Lease—A first-class paying florist business; houses stocked with roses, carnations, decorative plants, etc. Offered only because the owner wishes to retire from business. Will bear close investigation. GEORGE T. EARLE, The City Greenhouses, Central Falls, R. I.

For Sale—Greenhouse property; established 27 years. 14 room, 2½ story almost new dwelling house with tower, all improvements, gas light. 1½ acre good land, fruit and shade trees; 5 greenhouses, well stocked, hot-water heat. Center of City of Melrose, 7 miles to Boston; electric cars pass door, 5c fare. Wholesale and retail business. J. GEIST, 84 Grove St., Melrose, Mass.

For Sale—160 acres, chiefly alder and maple land, red loam, 3 to 4 ft. deep. This is one of the best locations on the continent for a nursery business, especially for young fruit stock. British Columbia has proved without doubt to be one of the best countries in the world for the production of hardy fruits, and people are coming in very fast and taking up the land for growing. There is a large house, good barn, horse and cow stables, chicken houses, large shed for forcing rhubarb, propagating house 30x14 ft. heated with hot water and full of choice plants, about 20 acres cleared, good creek of spring water runs through the property only one hundred yards from the house, several thousand young trees, fruit and ornamental stock, large plantation of rhubarb, strawberries, etc., tools, implements, wagons, etc., well of water close to house. The whole will be sold for \$6,500. Illness of proprietor cause of selling, otherwise money could not buy it. Near to railway and steamboat; good cut flower pot plant trade. Address Box 68, care Am. Florist.

FOR SALE Refrigerator good as new. Beveled edge mirrors and three sides glass. Size 7½ feet high, 42 in. wide, 32 in. deep. Will sell at half price. WAGNER PARK CONSERVATORIES, Sidney, O.

WANTED.

A white boy about 18 years old, to assist in Greenhouse Work. Prefer one with some experience.

MINIBORYA FARM, BOX 901, Richmond, Va.

Wietor Brothers, 51 Wabash Avenue, CHICAGO.

WHOLESALE CUT FLOWERS.

—CURRENT PRICES. SUBJECT TO CHANGE.—

AMERICAN BEAUTY.

| | Per doz. |
|----------------------|---------------------------|
| 30-36-inch stem..... | \$3.00 |
| 24-inch stem..... | 2.00 |
| 20-inch stem..... | 1.50 |
| 16-inch stem..... | 1.25 |
| 12-inch stem..... | 1.00 |
| Short Stem..... | per 100, \$3.00 to \$4.00 |

ROSES.

| | Per 100 |
|----------------------------|------------------|
| Bride and Maid..... | \$2.00 to \$3.00 |
| Meteor and Gate..... | 2.00 to 3.00 |
| Liberty..... | 2.00 to 3.00 |
| Kaiserin..... | 3.00 to 6.00 |
| CARNATIONS—Good stock..... | 1.00 to 1.50 |
| Large and fancy..... | 2.00 to 3.00 |

CHRYSANTHEMUMS, ALL COLORS, \$1.00 to \$3.00 PER DOZEN.

Wholesale Flower Markets

MILWAUKEE, Nov. 3.

| | |
|------------------------------|-------------|
| Roses, Beauty, long per doz. | 3.00 |
| " med. " 1.50@ 2.00 | |
| " short..... | 4.00@ 8.00 |
| " Liberty..... | 2.00@ 8.00 |
| " Chatenay..... | 2.00@ 6.00 |
| " Bride, Bridesmaids..... | 2.00@ 5.00 |
| " Meteor, Golden Gate..... | 2.00@ 5.00 |
| " Perle..... | 2.00@ 5.00 |
| Carnations..... | 1.00@ 3.00 |
| Smilax..... | 10.00@12.50 |
| Asparagus..... | 35.00@50.00 |
| Valley..... | 3.00@ 4.00 |
| Harrisli..... | 12.50 |
| Adiantum..... | 1.00 |
| Violets..... | .75@ 1.00 |
| Mums..... | 1.50@ 3.00 |

PITTSBURG Nov. 3.

| | |
|------------------------------|-------------|
| Roses, Beauty, specials..... | 20.00@25.00 |
| " extras..... | 12.50@15.00 |
| " No. 1..... | 8.00@10.00 |
| " ordinary..... | 4.00@ 5.00 |
| " Bride, Bridesmaid..... | 2.00@ 6.00 |
| " Meteor..... | 2.00@ 6.00 |
| " Liberties..... | 3.00@ 6.00 |
| " Kaiserin..... | 2.00@ 8.00 |
| Perle, Chatenay..... | 2.10@ 3.00 |
| Carnations..... | 1.00@ 3.00 |
| Lily of the valley..... | 3.00@ 4.00 |
| Smilax..... | 12.50@15.00 |
| Asparagus, strings..... | 25.00@50.00 |
| Asparagus Sprengerl..... | 1.00@ 2.00 |
| Lilies..... | 12.00@15.00 |
| Chrysanthemums..... | 4.00@25.00 |
| Adiantum..... | 1.00@ 1.25 |
| Violets..... | .50@ 1.00 |
| Papar White Narcissus..... | 3.00@ 4.00 |
| Roman hyacinths..... | 3.00@ 4.00 |

CINCINNATI, Nov. 3.

| | |
|------------------------------------|----------------|
| Roses, Beauty, 1.00@ 4.00 per doz. | |
| " Bride, Bridesmaid..... | 3.00@ 6.00 |
| " Liberty..... | 3.00@ 6.00 |
| " Meteor, Golden Gate..... | 3.00@ 6.00 |
| Carnations..... | 1.00@ 4.00 |
| Lily of the valley..... | 3.00@ 4.00 |
| Asparagus..... | 50.00 |
| Smilax..... | 10.00@12.50 |
| Adiantum..... | 1.00@ 1.50 |
| Callas..... | 10.00 |
| Asparagus Plumosus and Sprengerl | |
| in bunches..... | .25@ per bunch |
| Chrysanthemums..... | 8.00@25.00 |

ST. LOUIS, Nov. 3.

| | |
|--------------------------------|-------------|
| Roses, Beauty, long stem..... | 2.50@3.00 |
| " Beauty, medium stem..... | 1.50@2.00 |
| " Beauty, short stem..... | .75@1.00 |
| " Bride, Bridesmaid..... | 4.00@ 6.00 |
| " Golden Gate..... | 3.00@ 5.00 |
| " Liberty..... | 4.00@ 8.00 |
| " Kaiserin..... | 3.00@ 6.00 |
| " Meteor..... | 3.00@ 6.00 |
| Carnations..... | 1.50@ 3.00 |
| Smilax..... | 15.00 |
| Asparagus Sprengerl..... | 1.50@ 3.00 |
| " Plumosus..... | 25.00@50.00 |
| Ferns, fancy, per 1000 \$1.50. | |
| Adiantum..... | 1.00@ 1.25 |
| Daisies..... | .50 |
| Chrysanthemums, medium..... | 8.00@12.00 |
| " large..... | 15.00@25.00 |
| Violets, California..... | .50 |
| " Double..... | 1.00 |
| Lily of the valley..... | 4.00 |
| Alyssum..... | .20 |

CLEVELAND, Nov. 3.

| | |
|--------------------------|-------------|
| Roses, Beauty..... | 5.00@25.00 |
| " Bride, Bridesmaid..... | 2.00@ 5.00 |
| " Kaiserin..... | 3.00@ 8.00 |
| " Meteor..... | 2.00@ 5.00 |
| Carnations..... | 1.00@ 2.00 |
| Smilax..... | 10.00@15.00 |
| Asparagus, strings..... | 25.00@50.00 |
| " Sprengerl..... | 1.00@ 2.00 |
| Galax..... | 1.00@ 1.50 |
| Common ferns..... | 1.50 |
| Chrysanthemums..... | 6.00@15.00 |

PITTSBURG CUT FLOWER CO., LTD.

PITTSBURG'S LARGEST, BEST EQUIPPED AND OLDEST

Wholesale Cut Flower House

ESTABLISHED 1898.

AT 504 LIBERTY AVE.

HOLTON & HUNKEL CO., --Wholesale Cut Flowers--

457 Milwaukee Street.

MILWAUKEE, WIS.

THE J. M. McCullough's Sons Co. WHOLESALE FLORISTS

ALSO SUCCESSORS TO
THE CINCINNATI CUT FLOWER CO.

CONSIGNMENTS SOLICITED.

Special attention given to Shipping Orders.

316 WALNUT ST.

CINCINNATI, O.

Please mention the American Florist when writing.

Pittsburg Florist Exchange WHOLESALE FLORISTS.

228 Diamond St., Pittsburg, Pa.

CONSIGNMENTS SOLICITED.

Please mention the American Florist when writing.

H.G. BERNING Wholesale Florist

1402 Pine St., ST. LOUIS, MO.

Please mention the American Florist when writing.

C. A. KUEHN, Wholesale Florist,

1122 Pine St., ST. LOUIS, MO.

A Complete Line of Wire Designs.

Please mention the American Florist when writing.

Peter Weiland,

WHOLESALE FLORIST,

Room 18, 128 E. Third St., CINCINNATI, O.

Headquarters for

American Beauties and all leading varieties of
Roses and Carnations.

Orders received and filled at Greenhouses if
desired, by addressing

PETER WEILAND, New Castle, Ind.

JOHN WOLF,

Wholesale and Retail Florist,

SAVANNAH, GA.

ESPECIALLY CONVENIENT FOR THE
SOUTHERN TRADE.

Largest Grower of VALLEY in the South,
also CARNATIONS, ROSES and BULB-
OUS FLOWERS.

Long Distance Telephone Connections.

J. B. MURDOCH & CO.

WHOLESALE FLORISTS,

FLORISTS' SUPPLIES.

545 Liberty Ave., PITTSBURG, PA.

Always mention the.....

American Florist

when you write to an advertiser.

WE ARE LOOKING FOR BUSINESS.

We Want Your Trade.

WE ARE NOW SUPPLYING ALL GRADES OF
CHRYSANTHEMUMS, VERY FINE ROSES, CARNATIONS, VIOLETS and VALLEY
BESIDES GREEN STOCK.

**Our
Specialties:**

Wild Smilax which is just a little better than the other
fellow's constantly on hand. Prices:
Case No. 1—15 lbs.....\$2.00 Case No. 4—35 lbs.....\$4.00
Case No. 2—20 lbs..... 3 00 Case No. 5—40 lbs..... 4 50
Case No. 3—30 lbs..... 3 50 Case No. 6—50 lbs..... 5 00
Per 1000 \$1.50
FANCY FERNS, the very best..... 1.50
GALAX, Bronze..... 1.50
" Green..... 1.00
LEUCOTHOE SPRAYS..... per 100, 75c

J. B. Deamud,

51 Wabash Ave., WHOLESALE FLORIST. CHICAGO.

'Phones: Long Distance Central 3155. Automatic 9922.

E.C. AMLING

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

**32, 34, 36 RANDOLPH ST.,
CHICAGO.**

L. D. 'Phones Central 1978 and 1977.

Please mention the American Florist when writing.

Bassett & Washburn

76 & 78 Wabash Ave., CHICAGO.

Wholesale Dealers and
Growers of **Cut Flowers**
GREENHOUSES: HINSDALE, ILL.

D. WOOD BRANT,
SUCCESSOR TO BRANT & NOE FLORAL CO.

—Grower of—

CUT FLOWERS AT WHOLESALE.
Now offer Choicest American Beauty roses.
Prices reasonable.

Careful attention given shipping orders.
58-60 Wabash Ave., CHICAGO.

Always mention the.....

American Florist

when you write to an advertiser.

MICHAEL Winandy

Wholesale Grower and shipper of **CUT FLOWERS**
Room 218, 51 Wabash Ave., Atlas Block, Chicago.
Telephone Central 3284.

GEO. REINBERG,
Wholesale Grower of **Cut Flowers**
CHOICE AMERICAN BEAUTIES.

We will take care of your orders at reason-
able prices. Prompt attention.

51 Wabash Ave., CHICAGO, ILL.

Wholesale Flower Markets

CHICAGO, Nov. 4.
Roses, Beauty, 30 to 36-in. stems 2.50@ 3.50
" " 20 to 24 " 1.50@2.50
" " 15 to 18 " 1.00@ 1.50
" " 12 " .75@1.00
" Liberty..... 3.00@ 6.00
" extra select.....10.00@ 12.00
" Chatenay..... 4.00@ 8.00
" Bride, Bridesmaid..... 3.00@ 6.00
" Meteor, Golden Gate..... 3.00@ 6.00
Carnations..... 1.00@ 1.50
" fancy..... 2.00@ 2.50
Valley..... 2.00@ 3.50
Asparagus Plumosus, per string 40 to 50c
" sprays 2.00@6.00
" Sprenger..... 3.00@ 6.00
Leucothoe Sprays..... .75
Galax Leaves, Bronze, per 1000, 1.25
" Green, " " 1.00
Adiantum..... .75
Fancy ferns...per 1000 1.00@ 1.50
Smilax.....12.00@15.00
Callas.....1.25@1.50 per doz.
Chrysanthemums, \$1.50@\$3.00 per doz.
Paper Whites..... 3.00

E. H. Hunt,

WHOLESALE

Cut Flowers

"THE OLD RELIABLE."

76 Wabash Ave.,CHICAGO.

A. L. RANDALL CO.
Wholesale Florists.

19 & 21 Randolph St., CHICAGO.

Send for weekly price list and
special quotations on 1000 lots.

WEILAND - AND - RISCH

CHICAGO'S RELIABLE
Wholesale Growers and Shippers of
CUT FLOWERS,
59 Wabash Ave., CHICAGO.
SEND FOR WEEKLY PRICE LIST.

WHOLESALE FLORISTS

LILY OF THE VALLEY

From cold storage, \$15.00 per 1000; case of
2,500, \$35.00; per 100, \$1.75.

FINEST CUT VALLEY IN QUANTITIES.

H. N. BRUNS,
1409-11 W. Madison St., CHICAGO.

Poehlmann Bros. Co.

Wholesale Growers of

and
Dealers in **Cut Flowers**

All telegraph and telephone orders
given prompt attention.

Greenhouses: Morton Grove, Ill. **35-37
Randolph Street,
CHICAGO.**

Wild Smilax.

DO YOU KNOW THAT

VAUGHAN & SPERRY

Sell the very best quality
of **WILD SMILAX?**

20 pound case.....\$3.00
35 pound case..... 4.00
50 pound case..... 5.00

There is none better, they get it fresh
every day. Don't forget the number

60 Wabash Av., CHICAGO.

WRITE FOR SPECIAL PRICES ON LARGE LOTS.

J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and
Carnations
A Specialty.....

WHOLESALE
GROWER of

CUT FLOWERS

THE BENTHEY-COATSWORTH CO.

35 RANDOLPH ST.

WHOLESALE FLORISTS

CHICAGO.

The Leo Niessen Company

— WHOLESALE FLORISTS —

1217 Arch Street,

Store open from 7 A.
M. to 8 P. M.

PHILADELPHIA, PA.

The Cleveland Cut Flower Company,

WHOLESALE CUT FLOWERS, FLORISTS' SUPPLIES, WIRE DESIGNS.

52 and 54 High Street,

CLEVELAND, OHIO.

BOSTON, MASS.

WELCH BROS.

15 Province Street.

All Varieties FLOWERS in Season. FANCY and DAGGER FERNS.
FLORISTS' SUPPLIES all kinds.

Long Distance Telephone, 6268-6267 Main.

GEORGE COTSONAS & CO.,

Wholesale and Retail
Dealers in all kinds of

EVERGREENS.

Fancy and Dagger
Ferns, Bronze and
Green Galax.

Phone 1202 Mad. Sq.

MAIN STORE, 45 W. 29th St., NEW YORK.
BRANCH, 55 W. 28th St.,

MOSS, GALAX, FERNS.

Galax, Bronze or Green.....\$1.00 per 1000
Ferns, Dagger or Fancy......90 per 1000
Southern Smilax, large case.....\$6.00

CUT FLOWERS, FLORISTS' SUPPLIES.

H. L. MENAND, 34 Williams St., Albany, N. Y.
L. D. TELEPHONES.

Michigan Cut Flower Exchange,

WM. DILGER, Mgr.

Fancy Ferns, \$1.00 per 1000.
Dagger Ferns, 90c per 1000.

38-40 Miami Ave., DETROIT, MICH.

FOR SOUTHERN WILD SMILAX

(Where quality is First Consideration)

Write, Wire or Phone the Introducers,

Caldwell The Woodsman Co., Evergreen, Ala.

New Crop Southern Wild Smilax
now ready in limited quantities.

THE KERVAN COMPANY,

Fresh Cut Evergreens for
Decorating.

FANCY FERNS AND MOSSES AT WHOLESALE.

20 W. 27th Street, NEW YORK.

TELEPHONE 1519 MADISON SQ.

GALAX, FERNS, ETC.

Green Galax..... @ 60c per 1000
Cut Fancy Ferns..... @ \$1.00 per 1000
Cut Dagger Ferns..... @ 1.00 per 1000
Cut Leucothoe Sprays..... @ 3.00 per 1000

New crop, first-class and fresh from the patch; will
have Bronze Galax in Nov. Cash with order.

J. N. PRITCHARD, Elk Park, N. C.

Advertisers Everywhere Get Results.

AM. FLORIST Co.:—Practically all the
replies I get from western trade advertis-
ing refer to the AMERICAN FLORIST.

JOHN B. DEAMUD.

N. F. MCCARTHY & CO.,

WHOLESALE

FLORISTS.



MANUFACTURERS
AND IMPORTERS OF
FLORISTS' SUPPLIES.

84 HAWLEY STREET.

BOSTON.

Wholesale Flower Markets

Boston, Nov. 2.

| | |
|-------------------------------|-------------|
| Roses, Beauty, best..... | 15.00@25.00 |
| " " medium..... | 8.00@20.00 |
| " " culls..... | .50@ 4.00 |
| " " Bride, Bridesmaid..... | 1.00@ 3.00 |
| " " extra..... | 4.00@ 8.00 |
| " " Liberty..... | .50@ 6.00 |
| Carnations..... | .50@ 1.00 |
| " " Fancy..... | 1.00@ 2.00 |
| Lily of the valley..... | 3.00@ 4.00 |
| Smilax..... | 8.00@12.00 |
| Adiantum..... | .75@ 1.00 |
| Asparagus..... | 35.00@50.00 |
| Gladiolus Colville..... | 1.00@ 1.50 |
| Violets..... | .40@ .60 |
| Chrysanthemums, ordinary..... | 4.00@ 6.00 |
| " " fancy..... | 8.00@12.00 |

PHILADELPHIA, Nov. 2.

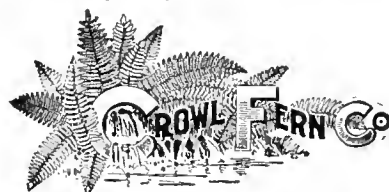
| | |
|-----------------------------------------|-------------|
| Roses, Tea..... | 3.00@ 5.00 |
| " " extra..... | 6.00@ 8.00 |
| " " Liberty..... | 6.00@10.00 |
| " " Queen of Edgely, extra..... | 12.00@25.00 |
| " " firsts..... | 8.00@12.00 |
| " " Beauty, extra..... | 12.00@25.00 |
| " " firsts..... | 8.00@12.00 |
| Carnations..... | 1.00@ 3.00 |
| Chrysanthemums, per doz., \$1@ \$4..... | 8.00@35.00 |
| Lily of the valley..... | 3.00@ 4.00 |
| Cattleyas..... | 50.00 |
| Asparagus..... | 25.00@50.00 |
| Smilax..... | 12.00@15.00 |
| Violets..... | .35@ .75 |
| Adiantum..... | 1.00@ 1.50 |
| Sweet peas..... | .75@ 1.00 |

BUFFALO, Nov. 2.

| | |
|------------------------------------|-------------|
| Roses, Beauty..... | 3.00@25.00 |
| " " Bride, Bridesmaid, Meteor..... | 1.00@ 6.00 |
| Carnations..... | 1.00@ 4.00 |
| Harrisl..... | 15.00 |
| Lily of the valley..... | 2.00@ 5.00 |
| Asparagus, strings..... | 40.00@50.00 |
| Smilax..... | 10.00@15.00 |
| Adiantum..... | .50@ 1.00 |
| Lilium Longiflorum..... | 15.00 |
| Chrysanthemums..... | 3.00@30.00 |
| Violets..... | .30@ .60 |

HARDY CUT FERNS.

FANCY OR DAGGER, 75c per 1000. Discount on
large orders. GALAX, bronze or green, 75c per
1000; \$6.50 per case of 10,000. Use our MOUNTAIN
LAUREL for your decorations, 4c, 5c and 6c per
yd. Made fresh daily from the woods. BRANCH
LAUREL, 35c per large bundle.



Tel. Office, New Salem, Mass. Millington, Mass.

The Philadelphia Wholesale Flower Market.

1235-7 Filbert St., PHILADELPHIA.

Open from 7 A. M. to 6 P. M. Telephones.

GALAX LEAVES.

Brilliant Bronze or Green. Selected stock, full
count, \$1.00 per 1000; \$3.75 per 5000.

Sphagnum Moss, clean picked stock, large
bale, \$1.75 each; by freight, \$2.00 each.

All Kinds of Decorative Greens and Florists' Supplies.

Tel. 597 Madison L. J. KRESHOVER,
Square. 110-112 W. 27th St., New York.

ALWAYS MENTION THE.....

AMERICAN FLORIST

WHEN WRITING ADVERTISERS

HARDY CUT FERNS.



We carry the finest and most complete line of Decorative Evergreens and
Florists' Supplies. Our specialties are DAGGER and FANCY FERNS. All
quality, \$1.00 per 1000. Discount on larger orders. BRILLIANT BRONZE
and GREEN GALAX, \$1.00 per 1000. Laurel Festooning, good and full, handmade
5c and 6c per yd. Green and Sphagnum Moss, \$1.00 per bbl. Sphagnum Moss, 50c
per bag; 5 bags, \$2.00. Ivy Leaves, \$4.00 per 1000. Sprenger, 25c and 50c per
bunch. Asparagus Plumosus, 50c per bunch or string. Leucothoe Sprays, \$1.00
per 100; \$7.50 per 1000.

We also carry a full line of Florists' Supplies such as Tin Foli, Cut Wire,
Corrugated Boxes, all sizes, Folding Boxes, Ribbons, all sizes and colors, Koral
Letters, Block Letters, Wire Designs, Cypas Leaves, Etc., Etc. Our stock is of
the best quality and at the most reasonable rates. Please write for our price

list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.

HENRY M. ROBINSON & CO., L. D. 'Phone 2618 Main. 8 and 11 Province St., Boston, Mass.

Please mention the American Florist when writing

BERGER BROS. WHOLESALE FLORISTS.

Bell and Keystone 'Phones. 1220 Filbert Street, PHILADELPHIA.

Please mention the American Florist when writing.

FLOWERS SHIPPED BY

JOHN I. RAYNORARE THE BEST PRODUCT OF THE BEST
GROWERS FOR THE NEW YORK MARKET.**Adiantum Croweanum**

Sold here Exclusively.

49 W. 28th Street, NEW YORK.

Tel. 1998 Madison Square.

YOUNG & NUGENT42 West 28th Street,
Telephone 2055 Madison Sq.**Wholesale Florists.**

CATTLEYS, GARDENIAS, ROSES, CARNATIONS and all seasonable novelties. With our long experience in shipping, and competent assistants in our packing department, we are in a position to guarantee out-of-town customers who place their orders with us that they will not be disappointed.

Walter F. Sheridan,
Wholesale Florist,

Telephone 902 Madison Square.

39 West 28th St., NEW YORK.

Telephone No. 755 Madison Square,

**MOORE, KENTZ & NASH**

Wholesale Commission Florists.

55 and 57 West 28th St.

NEW YORK CITY.

Advice of sale note daily. Statement and check weekly. All consignments, large or small, receive the same attention. CORRESPONDENCE INVITED.

WHOLESALE WILLIAM GHORMLEY, COMMISSION

Daily Receiver and Shipper of Fresh Cut Flowers.

Orchids, Roses, Carnations, Valley, Lilies, etc.

Telephones 2200 and 2201 Madison Square.

57 West 28th Street, NEW YORK CITY.

JOHN YOUNG,

Special American Beauties,

Surpassing Carnations,

Lily of the Valley, Orchids

and all Seasonable Flowers.

51 West 28th St., NEW YORK.

Telephone 1905 Madison Square.

THE RECOGNIZED HEADQUARTERS IN
NEW YORK CITY FOR**Violets and Carnations**GROWERS and BUYERS make a note of this.
It will be to your advantage.

WM. H. GUNTHER,

30 West 29th Street, NEW YORK.

Telephone 551 Madison Square.

THOMAS YOUNG, Jr.**WHOLESALE FLORIST.****CHOICEST CUT FLOWERS.**

43 W. 28th St., NEW YORK CITY.

THE RELIABLE
COMMISSION HOUSE**JOSEPH S. FENRICH**

48 W. 30th Street, NEW YORK.

TEL. 325 MADISON SQ.

N. Y. CUT FLOWER EXCHANGE

Coogan Bldg. 6th Ave. and W. 26th St., New York.

Open for Cut Flower Sales at 6 o'clock
Every Morning.....DESIRABLE WALL SPACE TO RENT FOR
ADVERTISING.

JOHN DONALDSON, Secretary.

Choice Carnations.

Selected Roses.

Traendly & Schenck

NEW YORK CITY,

44 W. 28th Street, Cut Flower Exchange.

New Telephone No. 798 & 799 Madison Sq.

Wholesale Flower Markets

NEW YORK, NOV. 2.

| | |
|------------------------------------|-------------|
| Roses, Beauty, best..... | 5.00@20.00 |
| " " medium..... | 1.00@ 4.00 |
| " " culls..... | .50@ 1.00 |
| " Liberty, best..... | 6.00@10.00 |
| " " medium..... | 2.00@ 5.00 |
| " " culls..... | .50@ 1.00 |
| " Bride, Bridesmaid, G. Gate..... | .50@ 5.00 |
| " Kaiserin, Carnot..... | .50@ 6.00 |
| Carnations..... | .50@ 2.00 |
| " fancy and novelties..... | 2.00@ 4.00 |
| Lily of the valley..... | 1.00@ 3.00 |
| Lilies..... | 4.00@ 6.00 |
| Smilax..... | 5.00@10.00 |
| Adiantum..... | .10@ .50 |
| Asparagus..... | 25.00@50.00 |
| Gardenias..... | 2.00@ 6.00 |
| Violets..... | .35@ .60 |
| Chrysanthemums, per doz., 50c@4.00 | |

Charles Millang**WHOLESALE FLORIST.**Conservatory connected from which I can ship
ferns and decorative plants promptly.

50 W. 29th St. NEW YORK.

Tel. 3860 and 3861 Madison Square.

It is good business policy
to mention the**American Florist**

.....when writing to an advertiser.

FORD BROS.

Receivers and Shippers of

Fresh Flowers

111 West 30th St., NEW YORK.

Telephones 3870-3871 Madison Sq.

REPRESENTING EMINENT GROWERS.

Julius Lang

53 West 30th Street, NEW YORK.

COMMISSION DEALER in FLOWERS

TELEPHONE 280 MADISON SQUARE

ALEX. J. GUTTMAN,

Wholesale Commission Florist,

All varieties of Cut Flowers in season
at right prices, and of the
BEST QUALITY.

52 W. 29th Street, NEW YORK CITY.

Telephone 1664 and 1665 Madison Square.

**THE
NEW YORK CUT FLOWER CO.**

55 and 57 West 26th St.,

WHOLESALE FLORISTS.

Daily Reports.

Weekly Payments.

TELEPHONE
756 Madison Sq.

J. A. MILLANG,

MANAGER.

**CARNATIONS My
Specialty.**

CONSIGNMENTS SOLICITED.

Prompt Payments.

Established 1891

Alfred H. Langjahr, 55 W. 28th St.
New York.

Telephone 3924 Madison Sq.

EDW. C. HORAN,

55 WEST 28TH STREET,

Telephone 421
Madison Square.

.....NEW YORK.

CUT FLOWERS AT WHOLESALE.

INTERNATIONAL FLOWER DELIVERY.

NEW YORK.

Steamer Gifts

Orders for flowers in any form carefully filled and delivered by special messenger on board any steamer on day of departure from New York.

THOS. YOUNG, JR.

43 W. 28th St., NEW YORK CITY.

Please mention the American Florist when writing.

SAN FRANCISCO.

TELEPHONE MAIN 1023.

SIEVERS & BOLAND,
Floral Artists,

33 Post Street, SAN FRANCISCO, CAL.

INDIANAPOLIS.

Bertermann Bros. Co.,
FLORISTS,

241 Massachusetts Ave., INDIANAPOLIS, ND.

Please mention the American Florist when writing.

ST. LOUIS.

Fred. C. Weber,
FLORIST,

4320-4328 Olive St., ST. LOUIS, MO.

Established 1873, L Dist. Phone Lindell 196 M.

DENVER.

The Park
Floral Co.

J. A. VALENTINE, Pres. DENVER, COLO.

MILWAUKEE.

C. C. Pollworth Co.

MILWAUKEE, WIS.

Will take proper care of your orders in

WISCONSIN.

CHICAGO.

Established 1857.

The Geo. Wittbold Co.

1657 Buckingham Place, CHICAGO.

Growers and importers. The oldest and leading house in Central and Western United States. Decorative plants a specialty. Mail and Wire Orders Get Prompt attention.

Palmer's

BUFFALO,
N. Y.

PASSENGER STEAMSHIP MOVEMENTS.

The tables herewith give the scheduled time of departure of ocean steamships carrying first-class passengers from the principal American and foreign ports, covering the space of two weeks from date of this issue of the AMERICAN FLORIST. Much disappointment often results from attempts to forward flowers for steamer delivery by express, to the care of the ship's steward or otherwise. The carriers of these packages are not infrequently refused admission on board and even those delivered on board are not always certain to reach the parties for whom they were intended. Hence florists in interior cities having orders for the delivery of flowers to passengers on out-going steamers are advised to intrust the filling of such orders to some reliable florist in the port of departure, who understands the necessary details and formalities and has the facilities for attending to it properly. For the addresses of such firms we refer our readers to the advertisements on this page:

| FROM | TO | STEAMER | *LINE | DAY | DUE ABOUT |
|---------------|-------------|---------------------|-------|----------------------------|-----------|
| New York..... | Liverpool | Campania | 1 | Sat. Nov. 5, Noon. | Nov. 11 |
| New York..... | " | Etruria | 1 | Sat. Nov. 12, 9:00 a. m. | Nov. 19 |
| Montreal..... | " | Bavarian | 2 | Fri. Nov. 4. | Nov. 13 |
| Montreal..... | " | Parisian | 2 | Fri. Nov. 11, | Nov. 20 |
| New York..... | Glasgow | Mongolian | 2 | Thur. Nov. 3, 11:00 a. m. | Nov. 13 |
| New York..... | " | Laurentian | 2 | Thur. Nov. 10, 11:00 a. m. | Nov. 20 |
| New York..... | Hamburg | Patricia | 3 | Sat. Nov. 5, 3:00 p. m. | Nov. 15 |
| New York..... | " | Moltke | 3 | Thur. Nov. 10, 10:00 a. m. | Nov. 20 |
| New York..... | Copenhagen | United States | 4 | Wed. Nov. 9, 2:00 p. m. | Nov. 19 |
| New York..... | Glasgow | Astoria | 5 | Sat. Nov. 5, Noon. | Nov. 15 |
| New York..... | London | Minnehaha | 5 | Sat. Nov. 5, 3:30 p. m. | Nov. 15 |
| New York..... | " | Minneapolis | 8 | Sat. Nov. 12, 9:00 a. m. | Nov. 22 |
| New York..... | Liverpool | Baltic | 7 | Wed. Nov. 2, Noon. | Nov. 10 |
| New York..... | " | Cedric | 7 | Wed. Nov. 8, 6:30 a. m. | Nov. 17 |
| New York..... | Southampton | Philadelphia | 3 | Sat. Nov. 5, 8:30 a. m. | Nov. 12 |
| New York..... | " | St. Louis | 3 | Sat. Nov. 12, 9:30 a. m. | Nov. 19 |
| New York..... | Antwerp | Zeeland | 9 | Sat. Nov. 5, 10:30 a. m. | Nov. 15 |
| New York..... | " | Finland | 9 | Sat. Nov. 12, 10:30 a. m. | Nov. 21 |
| New York..... | Havre | La Savoie | 10 | Thur. Nov. 3, 10:00 a. m. | Nov. 11 |
| New York..... | " | La Touraine | 10 | Thur. Nov. 10, 10:00 a. m. | Nov. 20 |
| New York..... | " | La Lorraine | 10 | Thur. Nov. 17, 10:00 a. m. | Nov. 27 |
| New York..... | Rotterdam | Statendam | 11 | Wed. Nov. 2, 10:00 a. m. | Nov. 11 |
| New York..... | " | Amsterdam | 11 | Wed. Nov. 8, 10:00 a. m. | Nov. 19 |
| New York..... | Bremen | Fredrick der Grosse | 13 | Thur. Nov. 10, 11:00 a. m. | Nov. 20 |
| Boston..... | Liverpool | Bohemian | 14 | Wed. Nov. 2, 4:00 p. m. | Nov. 12 |
| Boston..... | " | Canadian | 14 | Wed. Nov. 9, 10:30 a. m. | Nov. 19 |
| Montreal..... | " | Canada | 15 | Sat. Nov. 12, Daylight. | Nov. 20 |

*1 Cunard; 2 Allen-State; 3 Hamburg-American; 4 Scandinavian-American; Anchor Line; 8 Atlantic Transport; 7 White Star; 8 American; 9 Red Star; 10 French; 11 Holland-American; 12 Italian Royal Mail; 13 North German Lloyd; 14 Leyland; 15 Dominion.

DETROIT.

JOHN BREITMEYER'S
SONS

Cor. MIAMI and GRATIOT AVES.

DETROIT, MICH.

Artistic Designs.***

High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Please mention the American Florist when writing.

CHICAGO.

P. J. HAUSWIRTH

Auditorium Annex,

CHICAGO.

Mail, telegraph or telephone orders filled promptly in best style.

Please mention the American Florist when writing.

OMAHA.

HESS & SWOBODA,
FLORISTS,

1415 Farnam Street, OMAHA, NEB.

'Phone 1501 and L. 1688.

WASHINGTON.

Joseph R. Freeman,
FLORIST,

612 13th St. N.W., WASHINGTON, D. C.

Please mention the American Florist when writing.

ST. PAUL.

HOLM & OLSON,
ST. PAUL.

THE LEADING FLORISTS OF THE N. W.

Orders will be well cared for anywhere in Minnesota and the Dakotas.

Please mention the American Florist when writing.

SPRINGFIELD.

Mark Aitken
FLORIST.

388 Main St., Springfield, Mass.

MILLS THE FLORIST,

36 W. Forsyth Street,

JACKSONVILLE, FLA.

OUR DIRECTORY FOR 1904 WILL BE MAILED TO YOU PROMPTLY UPON APPLICATION. PRICE TWO DOLLARS.

KENNICOTT BROS. COMPANY

Our reputation has always been that we fill orders when others fail. All stock in season at lowest market rates. Following is the current market, subject to change:

PRICE LIST.

Chrysanthemums

Fancy, large.....\$2.50 to \$3.00 per dozen

AMERICAN BEAUTY

| | Per dozen |
|-------------------------------------|-----------|
| 30-36-inch stem..... | \$3.00 |
| 24-inch stem..... | 2.50 |
| 20-inch stem..... | 2.00 |
| 16-inch stem..... | 1.50 |
| 12-inch stem..... | 1.00 |
| Short stem \$4.00 to \$5.00 per 100 | |

Chrysanthemums

Medium.....\$1.50 to \$2.00 per dozen

| | Per 100 |
|------------------------|------------------|
| Brides, and Maids..... | \$2.00 to \$6.00 |
| Meteors and Gates..... | 2.00 to 5.00 |
| Liberty..... | 3.00 to 6.00 |
| Carnations..... | 1.00 to 2.00 |
| Valley..... | 2.00 to 4.00 |
| Violets..... | .60 to 1.25 |

Chrysanthemums

Common.....75c to \$1.00 per dozen

| | Per 100 |
|--------------------------------------|---------|
| Ferns.....per 1,000, \$1.25 to 1.50, | \$.15 |
| Galax, Green.....per 1000, \$1.25 | .15 |
| Galax, Bronze.....per 1000, 1.50 | .20 |
| Leucothoe.....\$6.00 per 1000 | .75 |
| Adiantum......75 to 1.00 | |
| Smilax.....per doz., \$1.50 | |
| Asparagus Sprengeri.....2.00 to 3.00 | |
| Asparagus, per string, 40c to 50c | |

KENNICOTT BROTHERS COMPANY,

40-42-44 Randolph Street, CHICAGO.

R. C. HAYDEN, Sec'y and Treas.

WM. J. MUTH, Manager.

PHILADELPHIA CUT FLOWER CO.

(SUCCESSOR TO CHARLES F. EDGAR & CO.)

Wholesale Commission Florists

WE DAILY RECEIVE AND SHIP ALL THE

LEADING... VARIETIES of **CHRYSANTHEMUMS, ROSES, CARNATIONS** And Other Seasonable Flowers
1516-1518 Sansom Street, Bell and Keystone Phones. Open 7:30 a. m. to 8 p. m. **PHILADELPHIA, PA.**

FANCY CUT FLOWERS A SPECIALTY.

If you want Choice Cut Flowers at any time or all the time, send to

CHARLES W. McKELLAR,

51 Wabash Avenue, CHICAGO.

Western Headquarters for Choice

ORCHIDS, FANCY VALLEY, VIOLETS BEAUTIES, TEA ROSES, CARNATIONS and CHRYSANTHEMUMS. Wild Smilax, Asparagus, Adiantum, Smilax, Fancy Ferns always in abundance. Also a complete line of all Florists' Supplies, Novelties and Wire Work.

LONG DISTANCE 'PHONE, CENTRAL 3598, AUTO. 3623.

BOUQUET GREEN

Best quality at lowest rates. We gather our own GREENS and bring by our own boat direct. Also CHRISTMAS TREES.

Northern Michigan Evergreen Nursery,
 SCHOONER GEO. L. WRENN, S. W. Cor. Clark St.
 H. Schuenemann, Capt. Bridge CHICAGO.

VIOLETS.

We make a specialty of VIOLETS. ❀ ❀ ❀

ELI CROSS, Grand Rapids, Mich.

RICE BROTHERS

128 N. 6th St., MINNEAPOLIS, MINN.
 Wholesale Cut Flowers and Supplies.

Wild Smilax | Flowers billed at Market Prices.
 Shippers of choice Cut Flowers and Greens of all kinds. Try us.

Indianapolis Floral Co.

839 Ft. Wayne Avenue,

INDIANAPOLIS, IND.

WHOLESALE

Commission Florists.

ALL ORDERS PROMPTLY FILLED IN BEST POSSIBLE MANNER.

Consignments Solicited. We are in position to give prompt and liberal returns on all consignments.

WANTED, Bulbs.

We want to buy in lots of 1,000 to 10,000 each the following: TULIPS, select mixtures, CROCUS, HYACINTHS, separate colors mixed, NARCISSUS, all kinds, LILIES.

Please mention the American Florist when writing

CHAS. CHADWICK,

COR. FULTON & LAGRAVE,

Grand Rapids, Mich.

WHOLESALE and RETAIL FLORIST.

High-Grade Cut Blooms.

Carnations, Roses, 'Mums, Violets, Etc.

Choice American Beauties a Specialty.

Artistic Designs on Short Notice.

Good Shipping Facilities to all Michigan Points.

—A TRIAL ORDER SOLICITED.—

SINNER BROS.

Wholesale Growers and Shippers of CUT FLOWERS
 58 WABASH AVENUE, CHICAGO, ILL.

With the Flower Growers' Co. Telephone—
 All telephone and telegraph orders given prompt attention. Central 3067.

AMERICAN BEAUTIES.

Cut Roses—American Beauties and all kinds of Tea Roses at lowest prices. Trial orders solicited.

HELLER BROS., New Castle, Ind.
 South Park Floral Company

Always mention the American Florist when you order stock.

HIGH-GRADE SOUTHERN WILD SMILAX.

SPECIAL FACILITIES FOR HANDLING LARGE ORDERS.

E. A. BEAVEN, (Formerly of Caldwell, The Woodsman Company) EVERGREE ALA.

And Florists' Hardy Decorative Supplies. Prices Right.

WRITE, WIRE OR PHONE.

The Seed Trade.

AMERICAN SEED TRADE ASSOCIATION.

Chas. N. Page, Des Moines, Ia., Pres.; L. L. May, St. Paul, Minn., First Vice-Pres.; C. E. Kendel, Cleveland, O., Sec'y and Treas. Twenty-third annual convention, June, 1905.

JAPANESE LONGIFLORUMS are in short supply.

MINNEAPOLIS, MINN.—J. E. Northrup has been on the sick list for a couple of weeks.

TUBEROSE growers report that owing to the dry fall the average size of the bulbs will not be large.

GUELPH, ONT.—J. Comont, representing Carter, Dunnell & Beale, of London, Eng., was a recent visitor.

F. BARTELDSE & COMPANY, Lawrence, Kan., write they were awarded a gold medal for field-grown seeds at the World's Fair.

CURRIE BROTHERS, Milwaukee, report having been awarded a grand prize for their display of garden and farm seeds at the World's Fair.

A TELEPHONE message from Glenview, Ill., advises that only about 3,000 bushels of onion sets were saved from the fire in N. Swanson's warehouse October 23.

VISITED CHICAGO: F. H. Ebeling, Syracuse, N. Y.; E. F. Crossland, of Steele, Briggs Seed Company, Toronto; J. H. Milton, with Northrup, King & Company, Minneapolis.

WINDING of bouquet green wreathing by some of the commission dealers has begun, same to be put into cold storage. Such stock is said to fade quickly when taken out. Recent weather has been favorable for picking bulk green but the visible supply is still inside of the demand.

T. W. Wood & Sons, Richmond, Va., report the award of a grand prize for their exhibit of cow peas at the World's Fair. This exhibit comprised sixty different varieties of cow peas, the largest collection that has ever been made together. The attractive arrangement of the exhibit elicited much favorable comment from those who saw it.

Mailing Unstamped Catalogues.

President C. N. Page, of the American Seed Trade Association, sends out a circular, dated November 1, calling attention to further rules, numbered 8 to 11, inclusive, which he says throw a different light on the subject of mailing third and fourth class matter without stamps. He states that the Des Moines postmaster takes the following view of the conditions:

It will thus be seen that the wrapper may have any advertising matter printed on which is desired so that the type conforms with the regulations. While section 6 states that the mailer must tie the separately addressed packages in bundles of 50, 100, 200, 500 or 1,000 pieces, our postmaster here says that a mail bag may be considered a bundle and it is not necessary that each bag contain the same number of pieces, but the sender may put any number that he desires in each bag provided the bag is tagged with statement of the actual number contained in it. Thus it will be convenient to put catalogues of circulars going to each state in separate mail sacks and thus expedite the handling at the postoffice.

President Page adds further:

It is to be hoped that during the coming session of Congress the law originally asked for will be passed permitting the sending of all such matter at the bulk rate of 8 cents per pound.

The Vilmorin Monument.

(TO BE ERECTED IN PARIS, FRANCE.)

The members of the Vilmorin committee in the United States are: Charles S. Sargent, director of the Arnold Arboretum and, Professor of Harvard University, Boston, Mass.; William McMurtrie, ex-president of the Chemists' Association, of New York; and D. M. Ferry, president of D. M. Ferry & Company, Detroit, Mich.

Remittances, large or small, made to either of the above, will be acknowledged and forwarded. [The amount of each individual subscription is not so important as that each one who appreciates the great work above mentioned testifies in this way his remembrance of it.—ED.]

World's Fair Notes.

The Spencer Seedless Apple Company, of Grand Junction, Col., has placed a dozen or so specimens on exhibition. They are of only medium size, and have a very large, deep eye. Most of them are entirely seedless and the core is quite small. In fact little attention need be given the core when the fruit is eaten or prepared for cooking.

The National Commission still withholds its approval of the awards made by the superior jury and no announcement can be made. It is known, however, that Vaughan's Seed Store, Henry A. Dreer, Conard & Jones Company and H. J. Weber & Sons are among the firms to which grand prizes were recommended.

Oregon has just placed on the tables a car-load of very fine fruit. It is packed in bushel boxes and as it is highly colored and free from blemishes it presents a very attractive appearance.

Philip Hauswirth, manager of the World's Fair Flower Show Association, has opened an office in Room A, Agriculture building, and has already received many entries.

The frost has at last spoiled the beauty of most of the flower beds and the cosmos is being dug.

Massachusetts Horticultural Society.

The Garden Committee of this society made a visit to the estate of Commodore Plant at Groton, Conn., last week for the purpose of examining the houses of chrysanthemums, carnations and roses which have been entered in competition for the society's prizes. Those who took the trip were Charles W. Parker, David F. Roy, Oakes Ames, Patrick Norton, Arthur H. Fewkes, and by special invitation, William N. Craig, Thomas J. Gray, and William P. Rich. They report that this estate, of which Thomas W. Head is the superintendent and head gardener, is one of the most magnificent in New England if not the most. It is made up of forty acres of a rocky promontory jutting out into Long Island sound at the mouth of the Thames river.

H. P. S.

Tarrytown Horticultural Society.

The regular monthly meeting was held in the Vanderbilt building, Tarrytown, October 26, President Ballantyne in the chair. I. H. King, Irvington, was duly elected an active member of the society. Tracy Davis, Irvington, was unanimously elected an honorary member. G. Fresenius, Irvington, and J. Woodcock, of Greystone, Yonkers, were proposed for active membership.

Some very promising seedling chrysanthemums were exhibited by L. Martin, Irvington, which were awarded honorable mention, with the recommendation that they be grown next year.

The following special prizes were received to be competed for at the November exhibition, November 1, 2, and 3.

From Peter Henderson & Company, \$10 for best collection of vegetables, twelve species, one variety of each, \$6 for first prize and \$4 for second; from Addison Johnson, Ossining, N. Y., \$10 for best vase of assorted roses; donations towards the prize fund, from Hitchings & Company, New York, \$30; Mrs. A. Villard, Dobbs Ferry, N. Y., \$20 and R. Mallory, Rye, N. Y., \$5.

The sad death of one of our most active and esteemed members, Harry S. Pammer, Tarrytown, was deeply regretted by all the members of the society. The funeral took place Monday afternoon, October 25, from the Second Reformed church, Tarrytown. THOMAS A. LEE.

Milwaukee.

Quite a few of the retailers are complaining that business is not as good this year as in former seasons. Shipping trade, however, is active and stock is generally cleaned up fairly well. Good carnations have been somewhat short in supply, but every week now will bring increased shipments. The stock as a general run is very good and far ahead of last year. Apparently every carnation grower has more or less of the Enchantress and they are showing up very well so far. Chateaux roses are now in fine shape with good call for the same. Chrysanthemums are cleaning out very well.

The Florists' Club meeting on Tuesday evening was well attended. Nic Zweifel read a paper on "The Carnation, Its Care and Culture," which caused a very lively discussion among those present.

B. G. Lambros had several large decorations on this week, one of them calling for several thousand valley.

Indications are that quite a few from Milwaukee will attend the Chicago show. V. H.

Coming Exhibitions—Live Ones.

[Secretaries are requested to supply any omissions from this list.]

BUFFALO, N. Y., November 9-12, 1904.—H. A. Meldrum Company's show, under auspices of the Buffalo Florists' Club. Charles Keitsch, Supt., 810 Main street, Buffalo, N. Y.

CHICAGO, November 15-19, 1904.—Annual exhibition Horticultural Society of Chicago. E. A. Kanst, Asst. Sec'y, 5700 Cottage Grove Avenue, Chicago.

DOBBS FERRY, N. Y., November 11-12, 1904.—Fourth annual flower show Dobbs Ferry Gardeners' Association. Henry Kastberg, Sec'y, Dobbs Ferry, N. Y.

MONTREAL, QUE., November 9-10, 1904.—Fifteenth annual chrysanthemum show of Montreal Gardeners and Florists' Club. W. H. Harobin, Sec'y., 23 Closse street, Montreal.

NEW YORK, N. Y., November 10-17, 1904.—Annual exhibition American Institute of the City of New York. Dr. Robert Taylor, Mgr., 19-21 West Forty-fourth street, New York.

PHILADELPHIA, PA., November 8-12, 1904.—Annual exhibition Pennsylvania Horticultural Society. David Rust, Sec'y, Horticultural Hall, Broad street, below Locust, Philadelphia.

PROVIDENCE, R. I., November 16, 1904.—Chrysanthemum and carnation exhibition Rhode Island Horticultural Society. C. W. Smith, Sec'y, 27-29 Exchange street, Providence.

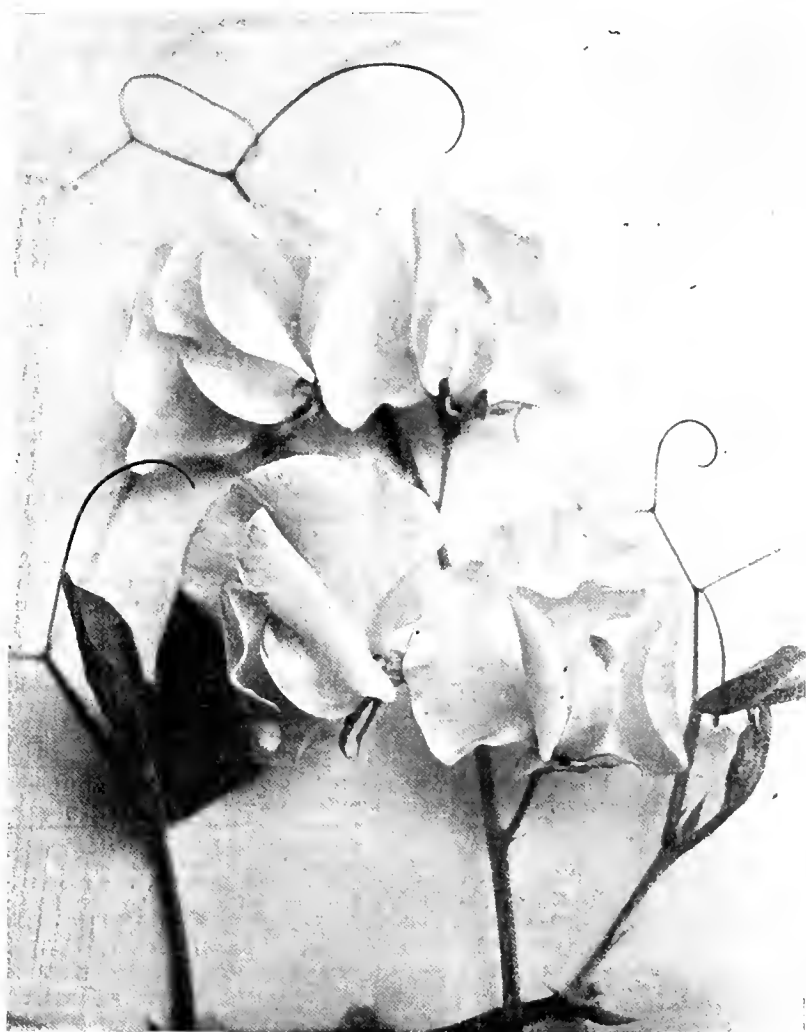
TORONTO, ONT., November 8-12, 1904.—Chrysanthemum exhibition Toronto Gardeners and Florists' Association. E. F. Collins, Sec'y, Toronto.

LAKE FOREST, ILL.—F. Calvert & Son have rebuilt their old range of greenhouses because of the shortening of a part of them by the C. & M. electric railroad. They have put up three Dietsch & Company's short span houses and will devote two to carnations and one to roses. They have built a large boiler and coal house with living room above and changed the entire heating plant in both carnation and rose houses. Their heating system is an interesting one which we hope to describe more fully in another issue.

Colored Plate Included in this Issue.

NEW SWEET PEA

Gladys Unwin.



The Finest Pink Sweet Pea yet introduced, a striking and sterling novelty, quite fixed and distinct, and a great acquisition.

WE are glad to say we have secured the whole stock of this charming Pink Sweet Pea, and we have no hesitation in saying it is a bona-fide departure in pinks.

GLADYS UNWIN has a very large and bold flower, not hooded; but with a very striking upright crinkled or wavy standard and broad wings. Color, a pale rosy pink. A striking feature is that about 75 per cent of the long flower stems are with **four blooms**, which is a most unusual thing in Sweet Peas. It was first raised four years ago, viz., in 1901 and has kept perfectly true and fixed in character each year since.

For Market Growers especially it cannot be surpassed, and is just the lovely pink color which is so in demand. Mr. Unwin, the raiser, sent a large quantity of cut blooms to Covent Garden Market this June and July, where it realized higher prices by far than any other variety.

We have had a colored plate of this prepared, which appears in this issue of the American Florist.

**Per 100 Packets, \$15.
Per dozen, \$2.**

(25 SEEDS PER PACKET.)

LAST YEAR'S NOVELTIES:

SCARLET GEM. This is undoubtedly the greatest advance in color ever made; a dazzling scarlet, beautiful bright and clear, strong grower and free flowering.

MARCHIONESS OF CHOLMONDELEY. This is a decided acquisition, flowers very large, bold and erect, color a soft shade of cream overlaid and edged with a delightful shade of pink.

MRS. KNIGHTS SMITH. This grand variety is an entirely new shade of pink, almost a self color, flowers large, borne on stout stems; free flowering.

Each, per dozen packets, \$1.00; per 100, \$7.50. (25 seeds per packet.)

Watkins & Simpson,

—SEED MERCHANTS—

12 Tavistock Street,

Covent Garden,

LONDON, ENG.

The Nursery Trade

AMERICAN ASSOCIATION OF NURSERYMEN.

E. W. Kirkpatrick, McKinney, Tex., Pres.;
C. L. Watrous, Des Moines, Ia., Vice-Pres.;
George C. Senger, Rochester, N. Y., Sec'y.
Thirtieth annual convention, West Baden
Springs, Ind., June, 1905.

ADDITIONAL nursery trade advertisements will be found on page 584.

PLANTS of buxus (box) in the smaller sizes are none too plentiful in the eastern markets.

CLEMATIS PANICULATA in small sizes, 1-year-old and 2-year-old, is very scarce apparently.

The Insect Problem.

At the meeting of the Massachusetts State Federation of Women's Clubs at Lowell, last week, Prof. A. H. Kirkland delivered a lecture on "Shade Trees and Their Enemies." The lecture was of especial interest in view of the increase of the moth pest in eastern Massachusetts. He spoke of the common injuries to trees by leaky gas mains, excavations, horses' teeth, linemen and electric wires. He said that the insect problem was on the increase owing to the introduction of new pests like the gypsy moth and brown tail moths, and also from the increase of the English sparrow, which drives out the native insectivorous birds. Remedies for all these pests and causes of decay were given at length. H. P. S.

Toronto.

There is a certain vim and snap lacking in the trade which was so characteristic last year, still there is no reason for complaint as business is about as good, though it is harder to get the customers to loosen up and they are inclined to be more critical, which, however, shows that as we have been educating them into having nothing but the best, our efforts in this behalf have not been misdirected. Chrysanthemums seem to be the whole show, predominating on all sides while roses and carnations especially have gone to the woods. Prices remain the same as last quoted though you get a better run for your money. The large flowers find the better sale though the smaller ones are desirable for made up work. The bulbous season has again started and Romans and narcissi can be had in quantities. Violets are about equal to the demand and there is a scarcity in orchids; no doubt they are holding them back for the show. Each day seems to bring in more and better carnations, Enchantress, Prosperity and Flamingo being among the better varieties.

A visit to J. H. Dunlop's found the place in the best of shape for the coming winter. The roses in particular have made splendid growth and Mr. Dunlop pronounces them just right for a large Christmas cut. He is trying most of the newer varieties and most of them promise good results. General MacArthur is certainly a splendid acquisition to any collection. Its splendid color and fragrance is decidedly different from the other roses and with its free growth surpasses even Liberty. Madam Chateney is well liked and at first glance much resembles La France, only is of deeper color, and from present indications will be gone into more extensively. En-

chanter and The Cardinal are being given a thorough trial, but are not nearly as promising as the above two. Franz Deegan has come to stay. Its pleasing color and free blooming qualities make it preferable to Perle. Four long benches of American Beauty are producing highly colored buds and throwing out numerous new growths, which are only showing their buds. Several houses of Meteor which have made rapid headway are giving good flowers and exceptionally few bull-heads. In the carnation houses many of the newer varieties are being carefully looked after, but it is as yet too early to comment on these. Three long benches of Mrs. Lawson are throwing good bloom, while others, such as Lorna, Peru, Mrs. Nelson, Enchantress, Estelle and others are coming along nicely. Mr. Dunlop had dropped chrysanthemums, but this year has gone into them again. He has some very fine flowers which will take a lot of beating at the show. Among some of his very fine ones are Mrs. Byron, white, Golden Age, Sunburst, and the reliable Golden Wedding, all yellow; Zeno, Mrs. Coombes, pink, the two Eatons and a number of other good varieties. All his newer varieties are being carefully noted. Those of merit will be retained and catalogued. The others will be discarded. Besides the above good flowers he has a fine lot of azaleas, poinsettias, rhododendrons and several houses of asparagus and smilax.

A new addition to the prize list for the coming show will be a cup to be given by Dr. Oronhyatekha for the best thirty Oronhyatekha chrysanthemums commonly known as yellow Eaton. However, I understand that this is for local growers only, as outside exhibitors are barred in this class. This last clause seems rather unsportsmanlike for the competition of a cup of this kind.

Frank Duffort has about completed his new houses and already has them planted. He has just returned from a trip to Bracebridge, where he has been overseeing his farm and also purchasing additions thereto. At the greenhouses he is cutting some very nice carnations, chrysanthemums and violets. Frank, Jr., has gone to the wilds of Muskoka on a hunting expedition.

The members of the Gardeners' and Florists' Club are invited to help put up the decorations for the coming show at the Granite rink. Southern smilax, cypress and mountain sweet berries will be used. As the decorations are going to be elaborate there will be need for willing hands.

The intended visit of Lord and Lady Minto to this city on November 10 and 11 will add charms to the retailers' usual routine. H. G. D.

Newport, R. I.

At last the long expected cold weather has come and we have had some hard freezes, the mercury dropping to 27° or lower several nights. Bulbs are now going better with the seedsmen and until the ground closes for the winter trade in them will be good. This season the Chinese lilies for growing in water have sold very poorly, not over half as many as were sold last year at this time having been disposed of. The florists have had a very good business the past week, there having been more than the usual amount of funeral work and wedding decorations. While prices are about the same, stock of all kinds seems to be more plenty. Chrysanthemums are now

coming good. Violets are small yet and not over plentiful; carnations get better every day, and about the time chrysanthemums are done will be in fine shape.

Sweet peas never did as poorly here as this year; in some places not a single bloom was picked from the vines. It may have been the dry spell we had from the last of June until almost the end of July, just the time when they needed water the most; be that as it may, this favorite flower was a great disappointment this season.

The members of the Newport Horticultural Society were sorry to learn of the sad death, in Tarrytown-on-the-Hudson, of Harry S. Pammer. Mr. Pammer was much interested in the work of our society and one of our correspondents.

President Butterfield, Director Wheeler and Professor Card, of the Rhode Island College of Agriculture, expect to spend this week in Des Moines, Ia., where they will attend the annual meeting of the Association of American Agricultural Colleges and Experiment Stations.

Henry J. Hass celebrated his fiftieth birthday on Tuesday of last week at his residence on Almy street, where a large company of friends were entertained. His son, Henry P. Hass, came from Yale college to be with his parents on this happy occasion.

A great deal of seaweed is gathered on our beaches and used as manure. Quantities of it are washed ashore in the fall storms, and those who own beach privileges are advertising it for sale.

The many friends of Bruce Butterton, head gardener to E. J. Berwind, were sincerely sorry to learn of the death of his son on Friday of last week.

Miss Nichols, of Boston, a landscape gardener, is staying with friends on Rhode Island avenue.

Mr. Bryant, of A. H. Hews & Company, Inc., the flower pot manufacturers of North Cambridge, Mass., called on the trade here this week. X.

FRYEBURG, ME.—Elias Nelson has sold his greenhouse to a Bridgton party.

MALDEN, MASS.—Peter Ball has opened a retail store in the Browne building, selling his own stock grown at his greenhouses at Faulkner, Mass.

CHOICE CALIFORNIA PRIVET.

Well Branched and Rooted.

| | | | |
|----------------------|---------|----------------------|---------|
| 3-yr. old. Per 100 | 1000 | 2-yr. old. Per 100 | 1000 |
| 3 to 4 feet...\$3.00 | \$28.00 | 3 to 4 feet...\$2.50 | \$22.50 |
| 2½ to 3 feet 2.50 | 22.50 | 2 to 3 feet... 2.00 | 18.50 |
| 2 to 2½ feet 2.00 | 17.00 | 1½ to 2 feet 1.60 | 13.50 |

Packing free. Cash with order. 5% OFF FOR CASH.

ATLANTIC COAST NURSERIES,

Office, 606 4th Avenue, Asbury Park, N. J.

Please mention the American Florist when writing.

TREES and SHRUBS.

FINE VARIETIES. LOW PRICES.

For both Wholesale and Retail Trade. Send for catalogue.

Peterson Nursery, Lincoln & Peterson Aves., CHICAGO, ILL.

Please mention the American Florist when writing.

When in Europe come and see us and inspect our extensive Nurseries. Gouda is our railroad depot.

HANDY, FANCY ORNAMENTAL NURSERY STOCK.

J. Blaauw & Co.,

BOSKOOP, HOLLAND.

Catalogue free on demand. Headquarters for the famous Colorado Blue Spruces, purest, bluest strain. Please mention the American Florist when writing.



NEW SWEET PEAS
"GLADYS DUNN"

WATKINS & SIMPS
WHOLESALE SEEDS
P. T. WILCOCK LTD.
COVENT GARDEN
LONDON

FOR PRICE LIST OF
THIS WEEKLY
AMERICAN FLORIST

DREER'S HARDY PERENNIALS.

During the past season we have considerably extended our stock of Hardy Perennials, which is now not only the most extensive and most complete in the country, but is in better condition than ever before.

FOR A MORE COMPLETE LIST SEE OUR CURRENT WHOLESALE LIST.

| | Doz. | 100 |
|-------------------------------------------------------------------------------------------------------------------|--------|---------|
| Acanthus Latifolius, 4-in. pots..... | \$2.00 | \$15.00 |
| Mollis, 4-in. pots..... | 2.00 | 15.00 |
| Aconitum Fisheri, strong..... | 1.25 | 10.00 |
| Napellus, strong..... | 1.25 | 10.00 |
| Autumale, strong..... | 1.25 | 10.00 |
| Achillea Filipendula, strong divisions..... | .75 | 6.00 |
| Millefolium Roseum, 3-in. pots..... | .75 | 5.00 |
| "The Pearl," 3-in. pots..... | .75 | 5.00 |
| Eupatorium, strong divisions..... | 1.00 | 8.00 |
| Adonis Pyrenaica, strong..... | 1.50 | 12.00 |
| Vernalis, strong..... | 1.00 | 8.00 |
| Ajuga Genevensis, strong divisions..... | .75 | 6.00 |
| Reptans Variegata, strong divisions..... | 1.00 | 8.00 |
| Alyssum Saxatile Compactum, 3-in. pots..... | .75 | 6.00 |
| Amsonia Tabernaemontana, strong..... | 1.25 | 10.00 |
| Anchusa Italica, field-grown..... | .75 | 6.00 |
| Anemone Japonica. The following varieties can be supplied at 75 cents per doz.: \$6.00 per 100; \$50.00 per 1000: | | |
| Japonica Alba, Lady Ardilaun, Queen Charlotte and Whirlwind..... | \$0.75 | \$ 5.00 |
| Pennsylvanica, 3-in. pots..... | .75 | 6.00 |
| Sylvestris, 3-in. pots..... | .75 | 6.00 |
| Sylvestris Eliza Fellman, (new) 3-in. pots..... | 1.50 | 12.00 |
| Aquilegia Chrysantha, 4-in. pots..... | .75 | 6.00 |
| Caryophylloides, 4-in. pots..... | .75 | 6.00 |
| Canadensis, 3-in. pots..... | .75 | 5.00 |
| Nivea Grandiflora, 4-in. pots..... | .75 | 6.00 |
| Skinneri, 4-in. pots..... | .75 | 6.00 |
| Vulgaris, 4-in. pots..... | .75 | 6.00 |
| fl. pl. 4-in. pots..... | .75 | 6.00 |
| Arabis Alpina, 3-in. pots..... | .60 | 5.00 |
| Alpina flora plena, field-grown..... | 1.00 | 8.00 |
| Arenaria Balearica, 3-in. pots..... | 1.00 | 8.00 |
| Armeria Maritima Splendens, 3-in. pots..... | .75 | 6.00 |
| Maritima Alba, field-grown, 3-in. pots..... | .75 | 6.00 |
| Artemisia Abrotanum, strong..... | .75 | 6.00 |
| Purshiana, strong..... | .75 | 6.00 |
| Stellaria, strong..... | .75 | 6.00 |
| Asclepias Tuberosa, strong..... | .75 | 6.00 |
| Aubretia Hendersoni..... | 1.25 | 10.00 |
| Leichtlini..... | 1.25 | 10.00 |
| Græca..... | 1.25 | 10.00 |

HARDY ALPINE ASTERS.

| | | |
|----------------------------|--------|--------|
| Alpinus, 3-in. pots..... | \$0.75 | \$6.00 |
| Speciosus, 3-in. pots..... | .75 | 6.00 |
| Superbus, 3-in. pots..... | .75 | 6.00 |
| Albus, 3-in. pots..... | .75 | 6.00 |

HARDY ASTERS. (Michaelmas Daisies)

| | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Amellus Elegans. Very large. Light blue. 18-in. Amethystinus. Large amethyst blue. 3-ft. Delight. Very free. Light rosy lilac. 4 ft. F.W. Burbidge. Bright rosy lilac. Large size. 3 1/4 ft. Formosissima. Deep lilac, shaded purple. 3 ft. Horizontalis. Small, rosy lilac flowers. Lavis. Light blue. 4 ft. Madonna. An early free flowering white. 3 ft. Mme. Soyneuse. Bright, rosy lilac. 15 in. Mrs. F. W. Raynor. Light purplish crimson. 3 ft. Nova Anglia. Large bluish purple. 3 ft. Nova Anglia Roesa. Bright rose color. 4 ft. Robert Parker. A fine lavender blue. 4 ft. Snowflake. Pure white. 2 1/2 ft. S.W. Ware. Large, light rosy lilac. 3 1/4 ft. Turbinellus. Pale lavender. Large. 3 ft. White Queen. Large white. 3 1/4 ft. Strong divisions. \$1.00 per doz.; \$8.00 per 100. | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|

| | Doz. | 100 |
|-------------------------------------------------|--------|---------|
| Baptisia Australis, field plants..... | \$0.75 | \$ 6.00 |
| Tinctoria, field plants..... | .75 | 6.00 |
| Bellis Perennis, (English Daisy)..... | .30 | 2.00 |
| Bocconia Cordata, strong divisions..... | .75 | 6.00 |
| Boltonia Asteroides, strong divisions..... | .75 | 6.00 |
| Latisquama, strong divisions..... | .75 | 6.00 |
| Campanula Alliariaefolia, strong plants..... | 1.00 | 8.00 |
| Carpatia, blue; strong plants..... | 1.00 | 8.00 |
| Carpatia Alba, strong plants..... | 1.00 | 8.00 |
| Glomerata, strong divisions..... | 1.00 | 8.00 |
| Glomerata Alba, strong divisions..... | 1.00 | 8.00 |
| Grandis, strong plants..... | 1.00 | 8.00 |
| Groszeki, strong divisions..... | .75 | 6.00 |
| Latifolia Macrantha, strong plants..... | 1.00 | 8.00 |
| Punctata, strong plants..... | 1.00 | 8.00 |
| Persicifolia, heavy 4-in. pots..... | .75 | 6.00 |
| Persicifolia Alba, heavy 4-in. pots..... | .75 | 6.00 |
| Persicifolia Blackhousei, heavy 4-in. pots..... | 1.00 | 8.00 |
| Pyramidalis, strong 1-year field-grown..... | 1.00 | 8.00 |
| Trachelium, strong plants..... | 1.00 | 8.00 |
| Caryopteris Mastacanthus, 3-in. pots..... | .75 | 5.00 |
| Cassia Maritima, strong 1-year plants..... | .75 | 6.00 |
| Catananche Bicolor, strong plants..... | 1.25 | 10.00 |
| Centaurea Ruthenicus, strong plants..... | 1.25 | 10.00 |
| Glaucifolia, strong plants..... | 1.25 | 10.00 |
| Hirta Nigra Variegata, divisions..... | .75 | 6.00 |
| Montana Alba, strong divisions..... | 1.00 | 8.00 |
| Montana Lady Hastings, strong divisions..... | 1.00 | 8.00 |
| Montana Rubra, strong divisions..... | 1.00 | 8.00 |
| Montana Violette, strong divisions..... | 1.00 | 8.00 |
| Cephalaria Alpina, strong plants..... | 1.00 | 8.00 |
| Cephalaria Tartarica, strong plants..... | 1.00 | 8.00 |
| Cerastium Tomentosum, 3-in. pots..... | .75 | 6.00 |
| Chelone Lyoni, strong plants..... | 1.00 | 8.00 |
| Glabra, strong plants..... | 1.00 | 8.00 |
| Obliqua Alba, strong divisions..... | 2.00 | 15.00 |

| | Doz. | 100 |
|------------------------------------------------------------|------|-------|
| Chrysanthemum Maximum Triumph, strong 4-in. pots..... | .75 | 6.00 |
| Maximum Filiformis, strong divisions..... | .75 | 6.00 |
| Nipponicum, strong plants..... | 1.00 | 8.00 |
| Cimicifuga Aconitifolia or Japonica, strong plants..... | 2.00 | 15.00 |
| Daburica, strong plants..... | 2.00 | 15.00 |
| Racemosa..... | 1.00 | 8.00 |
| Clematis Davidiana, 1-year-old..... | .75 | 6.00 |
| Integrifolia, strong plants..... | 1.00 | 8.00 |
| Reeta, 2-year-old..... | 1.00 | 8.00 |
| Coreopsis Lanceolata, heavy 4-in. pots..... | .60 | 4.00 |
| Delphinium Chinese, 1-year seedlings..... | .75 | 5.00 |
| Chinese Alba, 1-year seedlings..... | .75 | 5.00 |
| Formosum, 1-year seedlings..... | .75 | 6.00 |
| Hybridum, 1-year seedlings..... | .75 | 6.00 |
| Sulphureum, 2-year-old corms..... | 1.50 | 12.00 |
| Dianthus Barbatus, (Sweet William)..... | .50 | 4.00 |
| Napoleon III, 4-in. pots..... | 1.50 | 10.00 |
| Plumarius, (See Hardy Pinks)..... | | |
| Dictamnus Fraxinella, pink 2-year-old..... | 1.00 | 8.00 |
| Fraxinella Alba, 2-year-old..... | 1.25 | 10.00 |
| Digitalis Gloxiniflora, strong 4-in. pots..... | .75 | 6.00 |
| Grandiflora, strong 4-in. pots..... | .75 | 6.00 |
| Lanata, strong 4-in. pots..... | .75 | 6.00 |
| Dielytra Spectabilis, strong clumps..... | .75 | 6.00 |
| Formosa, strong clumps..... | 1.00 | 8.00 |
| Doronicum Austriacum, divisions..... | 1.00 | 8.00 |
| Excelsum, divisions..... | 1.00 | 8.00 |
| Echioops Ritro, strong plants..... | 1.00 | 8.00 |
| Sphaerocephalus, strong plants..... | 1.00 | 8.00 |
| Epimedium Lilacea, lilac..... | 1.50 | 12.00 |
| Musebium, creamy white..... | 1.50 | 12.00 |
| Niveum, pure white..... | 1.50 | 12.00 |
| Sulphureum, light yellow..... | 1.50 | 12.00 |
| Erigeron Glaucus, strong plants..... | .75 | 6.00 |
| Glabella, strong plants..... | .75 | 6.00 |
| Coruleus Speciosus, strong plants..... | .75 | 6.00 |
| Eryngium Amethystinum, strong plants..... | 1.50 | 12.00 |
| Agavefolium, 4-in. pots..... | 1.25 | 10.00 |
| Maritimum, strong plants..... | 1.50 | 12.00 |
| Plenum, strong plants..... | 1.00 | 8.00 |
| Yuccaefolium, strong clumps..... | 1.00 | 8.00 |
| Eupatorium Coelestinum, 3-in. pots..... | .75 | 6.00 |
| Ageratoides, strong plants..... | .75 | 6.00 |
| Purpureum, strong plants..... | .60 | 4.00 |
| Serotinum, strong plants..... | .75 | 6.00 |
| Euphorbia Corolata, 3-in. pots..... | .60 | 4.00 |
| Funkia Corulea, (Blue Day Lily)..... | .60 | 4.00 |
| Glaucia..... | 1.00 | 8.00 |
| Subcordata Grandiflora, (White Day Lily)..... | .75 | 6.00 |
| Undulata Media Picta, (Variegated Day Lily)..... | .75 | 6.00 |
| Thos. Hogg..... | .75 | 6.00 |
| Gaillardia Grandiflora, 4-in. pots..... | .75 | 6.00 |
| Gaillardia Officinalis, strong plants..... | 1.00 | 8.00 |
| Alba, strong plants..... | 1.00 | 8.00 |
| Geranium Sanguineum, strong divisions..... | .75 | 6.00 |
| Sanguineum Album, strong divisions..... | .75 | 6.00 |
| Gerum Atrorubrum, fl. pl..... | .75 | 6.00 |
| Heldreichii..... | .75 | 6.00 |
| Montanum..... | .75 | 6.00 |
| Glechoma, (Nepeta) Variegata..... | .75 | 6.00 |
| Gillenia Trifoliata, strong plants..... | 1.00 | 8.00 |
| Gypsophila Paniculata..... | .75 | 6.00 |
| Acutifolia..... | 1.25 | 10.00 |
| Cerastoides..... | .75 | 6.00 |
| Rapens, 3-in. pots..... | 1.00 | 8.00 |
| Helenium Autumale Superba, strong divisions..... | 1.00 | 8.00 |
| Bolanderi, strong divisions..... | 1.00 | 8.00 |
| Grandicaphalum Striatum, strong divisions..... | .75 | 6.00 |
| Hoopesti, strong plants..... | .75 | 6.00 |
| Helianthus Davidiana, strong divisions..... | .75 | 6.00 |
| Metcor, strong divisions..... | .75 | 6.00 |
| Multiflorus, fl. pl., strong divisions..... | .75 | 6.00 |
| Multiflorus Maximus, strong divisions..... | .75 | 6.00 |
| Maximiliana, strong divisions..... | .75 | 6.00 |
| Miss Melish, strong divisions..... | .75 | 6.00 |
| Mollis, strong divisions..... | .75 | 6.00 |
| Orgyalis, strong divisions..... | .75 | 6.00 |
| Rigidus, strong divisions..... | .75 | 6.00 |
| Soleil d'Or, strong divisions..... | .75 | 6.00 |
| Tomentosus, strong divisions..... | .75 | 6.00 |
| Wolley Dodd, strong divisions..... | .75 | 6.00 |
| Heliospis Pitchebianus, strong divisions..... | .75 | 6.00 |
| Scaber Major, strong plants..... | .75 | 6.00 |
| Hemerocallis Aurantica Major, strong divisions..... | 3.50 | 25.00 |
| Dumortieri, strong divisions..... | .75 | 6.00 |
| Flava (Yellow Day Lily) strong divisions..... | .60 | 4.00 |
| Florham (New) strong divisions..... | 3.50 | 25.00 |
| Fulva (Tawny Day Lily) strong divisions..... | .60 | 4.00 |
| Kwanso, fl. pl. (Double Orange Lily) strong divisions..... | .60 | 4.00 |
| Middendorfi, strong divisions..... | .75 | 6.00 |
| Thunbergii, strong divisions..... | .75 | 6.00 |
| Hibiscus Moschuetos, strong..... | .75 | 6.00 |
| Moschuetos, "Crimson Eye," strong..... | .75 | 6.00 |
| Militaris, strong 2-year-old..... | .75 | 5.00 |
| Hepatica Angulosa, 3-in. pots..... | 1.00 | 8.00 |
| Tribola, 3-in. pots..... | .75 | 6.00 |
| Hesperis Matronalis (Rocket) strong plants..... | .75 | 6.00 |
| Hieracium Aurantiacum, 3-in. pots..... | .75 | 6.00 |

| | Doz. | 100 |
|-----------------------------------------------------------------------------|------|-------|
| Hypericum Moserianum, strong 1-year-old..... | 1.00 | 8.00 |
| Hollyhocks, strong 1-year-old plants..... | | |
| Double White, Red, Pink, Yellow, Salmon, Maroon..... | 1.50 | 10.00 |
| Allegheny..... | 1.00 | 8.00 |
| Single Choice Mixed..... | 1.00 | 8.00 |
| Iberis Sempervirens, strong plants..... | .75 | 5.00 |
| Incarvillea Delavayi, strong roots..... | 1.50 | 10.00 |
| Iris Kämpferi, 24 varieties..... | 1.50 | 10.00 |
| Iris Kämpferi, choice mixed..... | 1.00 | 8.00 |
| Iris Germanica, 12 varieties..... | .75 | 6.00 |
| Iris Germanica, choice mixed..... | .60 | 4.00 |
| Iris Sibirica Orientalis, strong divisions..... | 1.00 | 8.00 |
| Iris Pseudo-Acorus, strong divisions..... | 1.00 | 8.00 |
| Liatris Pycnostachia, 1-year-old roots..... | .75 | 6.00 |
| Scariosa, 1-year-old roots..... | .75 | 6.00 |
| Spicata, 1-year-old roots..... | .75 | 6.00 |
| Grandifolia, 1-year-old roots..... | .75 | 6.00 |
| Lavandula Vera (Lavender) 3-in. pots..... | .75 | 6.00 |
| Linum Perenne, 1-year-old seedlings..... | .75 | 6.00 |
| Alba, 1-year-old seedlings..... | .75 | 6.00 |
| Lindelia Longifolia, strong divisions..... | 1.25 | 10.00 |
| Lithospermum Coelestinum..... | 1.25 | 10.00 |
| Lobelia Cardinalis, strong..... | .75 | 6.00 |
| Lysimachia Clethroides, strong divisions..... | .75 | 6.00 |
| Ciliata, strong plants..... | .75 | 6.00 |
| Nymularia..... | .50 | 4.00 |
| Nymularia Aurea..... | .75 | 6.00 |
| Punctata, strong divisions..... | .75 | 6.00 |
| Lythrum Roseum Superbum, strong..... | 1.00 | 8.00 |
| Lychnis Alpina, strong plants..... | .75 | 6.00 |
| Lychnis Alpina Alba, strong plants..... | .75 | 6.00 |
| Haageana, 3-in. pots..... | .75 | 6.00 |
| Chalcidonia (Red Maltese Cross)..... | .75 | 6.00 |
| Alba (White Maltese Cross)..... | .75 | 6.00 |
| Carnea (Pink Maltese Cross)..... | .75 | 6.00 |
| Viscaria Double Red, clumps..... | 1.25 | 10.00 |
| Lotus Corniculatus, strong divisions..... | 1.25 | 10.00 |
| Mertensia Virginica, strong roots..... | 1.00 | 8.00 |
| Mentha Piperita, 3-in. pots..... | .50 | 4.00 |
| Variegata, 3-in. pots..... | 1.00 | 8.00 |
| Monarda Didyma, 3-in. pots..... | .75 | 6.00 |
| Rosea, 3 in. pots..... | .75 | 6.00 |
| Splendens, 3 in. pots..... | .75 | 6.00 |
| Fistulosa Alba, clumps..... | .75 | 6.00 |
| Morina Longifolia, 4-in. pots..... | 1.25 | 10.00 |
| Myosotis Palustris Sempervirens..... | .60 | 4.00 |
| Alpestris Robusta Grandiflora..... | .50 | 3.00 |
| Eriogonum Fraseri, strong plants..... | 1.00 | 8.00 |
| Fruticosa, strong plants..... | 1.00 | 8.00 |
| Missouriensis, 3-in. pots..... | .75 | 6.00 |
| Pilgrimii, strong plants..... | 1.00 | 8.00 |
| Speciosus, strong plants..... | 1.00 | 8.00 |
| Yucosii, strong plants..... | 1.00 | 8.00 |
| Ononis Spinosa, 3-in. pots..... | 1.25 | 10.00 |
| Rotundifolia, 3-in. pots..... | 1.25 | 10.00 |
| Omphalodes Verna, 1-year-old..... | 1.00 | 8.00 |
| Alba, 1-year-old..... | 1.00 | 8.00 |
| Orobanchioides, strong divisions..... | 1.50 | 12.00 |
| Vernus, strong divisions..... | 1.50 | 12.00 |
| Papaver Orientalis, (The Oriental Poppy) A choice strain, strong roots..... | .75 | 6.00 |
| Nudicaea (Ice-land Poppy), strong..... | .65 | 5.00 |
| Pachysandra Terminalis, strong..... | 1.00 | 8.00 |
| Pardanthus Sinensis, strong divisions..... | .50 | 4.00 |
| Paonias, double herbaceous, 50 vars..... | 2.00 | 15.00 |
| Paonias, double white, mixed..... | 1.50 | 12.00 |
| Paonias, double red, mixed..... | .75 | 6.00 |
| Paonias, double pink, mixed..... | .75 | 6.00 |
| Paonias, double, all colors mixed..... | .75 | 6.00 |
| Pentstemon Barbatus Torreyi, strong..... | 1.00 | 8.00 |
| Illysius, strong plants..... | .75 | 6.00 |
| Digialis, strong plants..... | .75 | 6.00 |
| Glaber Hybrids, strong plants..... | 1.25 | 10.00 |
| Grandiflorus, strong plants..... | 1.25 | 10.00 |
| Heterophyllus, strong plants..... | 1.00 | 8.00 |
| Gentianoides, 3-in. pots..... | .75 | 6.00 |
| Pubescens, strong plants..... | 1.00 | 8.00 |
| Smallii, strong plants..... | 1.00 | 8.00 |
| Petasites Japonicus Giganteus, strong..... | 1.25 | 10.00 |
| Phlox, Hardy Perennial, 25 choice varieties, 1-year field-grown..... | .75 | 5.00 |
| Carolina..... | .75 | 5.00 |
| Hyaricata Canadensis..... | .75 | 6.00 |
| Physalis Francheti, 3-in. pots..... | .75 | 6.00 |
| Physostegia Virginica, strong divisions..... | .75 | 6.00 |
| Virginica Alba, divisions..... | .75 | 6.00 |
| Denticulata, strong divisions..... | .75 | 6.00 |
| Pinks, hardy garden, in 8 choice vars..... | .75 | 6.00 |
| Platyodon Mariesi, 2-yr-old roots..... | .75 | 6.00 |
| Grandiflorum, blue, 2-yr-old roots..... | .75 | 6.00 |
| Album, white, 2-yr-old roots..... | .75 | 6.00 |
| Polygonum Cuspidatum, strong..... | 1.25 | 10.00 |
| Compactum, strong plants..... | 1.00 | 8.00 |
| Podophyllum Peltatum, strong roots..... | .60 | 4.00 |
| Potentilla Phoenix, strong divisions..... | 1.00 | 8.00 |
| Polemonium Coruleum, strong..... | .75 | 6.00 |
| Richardsoni, strong divisions..... | .75 | 6.00 |
| Alba, strong divisions..... | .75 | 6.00 |
| Repans..... | .75 | 6.00 |
| Polygonatum Majus..... | 1.00 | 8.00 |
| Pulmonaria Saccharata Maculata..... | 1.50 | 10.00 |
| Stokesia Cyanea, strong plants..... | 1.00 | 5.00 |
| Thalictrum Aquilegifolium Album..... | 1.50 | 12.00 |
| Aquilegifolium Atropureum..... | 1.00 | 8.00 |
| Roseum..... | 1.25 | 10.00 |
| Adiantifolia..... | 1.00 | 8.00 |
| Minus..... | .75 | 6.00 |
| Thermopsis Fabacea, strong plants..... | 1.00 | 8.00 |

HENRY A. DREER,

714 CHESTNUT STREET,

PHILADELPHIA, PA.

Our Pastimes

Announcements of coming contests or other events of interest to our bowling, shooting and sporting readers are solicited and will be given place in this column.

Address all correspondence for this department to J. H. Pepper, 42 West 28th St., New York; Robt. Kift, 1725 Chestnut St., Philadelphia; or to the American Florist Co., Chicago

At New York.

At the meeting of the New York Florists' Bowling Club held on Monday evening of this week the following scores were made:

| Player | 1st | 2d | 3d | 4th | 5th |
|------------------|-----|-----|-----|-----|-----|
| Fenrich..... | 191 | 148 | 210 | 163 | |
| Ford, W..... | 127 | 148 | 111 | 155 | 135 |
| Marshall..... | | 143 | 139 | 157 | 131 |
| Siebrecht..... | | 97 | 118 | 130 | 163 |
| Hoffmeir..... | | | 103 | 148 | |
| Butterfield..... | 140 | 112 | 120 | | |
| Lang, Theo..... | | 159 | 224 | 212 | 142 |
| O'Mara..... | | | 125 | 156 | |
| Traendly..... | 98 | 167 | 154 | | |
| Holt..... | | 151 | 99 | 97 | 96 |
| Shaw..... | 125 | 119 | 156 | | |
| Adam..... | | 116 | 117 | 110 | |

A Judicial Inquiry at Chicago.

At the Bismark hotel entertainment of the bowling team Thursday evening last it was thought best to do a little investigating of matters which transpired at St. Louis. President Rudd propounded the following inquiries to Captain Asmus of the bowling team:

Q.—Why did you win all the trophies at St. Louis?

A.—Because we were the bestest.

Q.—Why did you not win them at the former convention?

A.—Because we did not try.

Q.—What will the team do next year?

A.—We'll show them again.

The bowlers rolled at Thomson's alleys Tuesday evening, November 1, the Winterson team winning three from the Asmus team and the Lambros team taking three straight from the Hauswirth team. The scores:

| WINTERSON'S TEAM. | | | | |
|-------------------|-----|-----|-----|--|
| Scott..... | 122 | 146 | 141 | |
| Haage..... | 136 | 161 | 125 | |
| Pruner..... | 151 | 120 | 131 | |
| Stevens..... | 164 | 153 | 210 | |
| Total..... | 573 | 580 | 607 | |

| ASMUS TEAM | | | | |
|----------------------|-----|-----|-----|--|
| C. Hunt..... | 116 | 111 | 148 | |
| Beaman..... | 108 | 117 | 149 | |
| E. F. Winterson..... | 134 | 122 | 118 | |
| Asmus..... | 154 | 186 | 138 | |
| Total..... | 512 | 536 | 551 | |

| LAMBROS TEAM. | | | | |
|---------------|-----|-----|-----|--|
| Lambros..... | 151 | 155 | 135 | |
| Huebner..... | 132 | 129 | 133 | |
| Callas..... | 179 | 182 | 148 | |
| Beneke..... | 152 | 102 | 128 | |
| Venson..... | 190 | 173 | 103 | |
| Total..... | 807 | 741 | 647 | |

| HAUSWIRTH TEAM. | | | | |
|-------------------|-----|-----|-----|--|
| Balluff..... | 166 | 136 | 158 | |
| E. Hauswirth..... | 114 | 160 | 154 | |
| V. Kreitling..... | 114 | 117 | 109 | |
| F. W. Martin..... | 97 | 108 | 92 | |
| H. Klunder..... | 66 | 126 | 120 | |
| Total..... | 557 | 647 | 633 | |

LADIES.

| | | | T'l. |
|---------------------------|-----|-----|---------|
| Mrs. P. J. Hauswirth..... | 142 | 93 | 104 339 |
| " E. Winterson..... | 65 | 67 | 79 211 |
| " C. C. Hunt..... | 62 | 77 | 95 234 |
| " Callas..... | 57 | 67 | 68 192 |
| " Scott..... | 68 | 80 | 70 218 |
| " Lambros..... | 47 | 46 | 50 143 |
| " Asmus..... | 113 | 105 | 71 259 |
| " Kreitling..... | 97 | 124 | 163 384 |
| " E. Hauswirth..... | 37 | 58 | 60 155 |

The present standing of the teams is as follows:

| | Won. | Lost. |
|----------------|------|-------|
| Lambros..... | 6 | 0 |
| Winterson..... | 5 | 1 |
| Hauswirth..... | 1 | 5 |
| Asmus..... | 0 | 6 |

At Boston.

The seed trade of Boston has the howling fever and has it bad. At the regular match game of the Seed Trade League, rolled Monday, October 31, between Schlegel & Fottler Company and W. W. Rawson & Company, resulting in three straight for Fottler & Company and a whitewash for Rawson & Company, there was assembled about all the present employes and a great many of the past. The features of the evening were the rolling of Gates and Guerineau for Fottler & Company and Perry for Rawson & Company. The next match is to be rolled between Jos. Breck & Sons Company and R. & J. Farquhar & Company Monday, November 7. The scores:

SCHLEGEL & FOTTLER COMPANY.

| Player. | 1st | 2d | 3d | T'l. |
|----------------|-----|----|----|------|
| Gates..... | 77 | 86 | 78 | 241 |
| Cahill..... | 78 | 68 | 77 | 219 |
| Brickley..... | 61 | 79 | 56 | 196 |
| Woods..... | 65 | 71 | 72 | 208 |
| Guerineau..... | 68 | 79 | 91 | 238 |

Team totals.....355 383 364 1102

W. W. RAWSON & COMPANY.

| Player. | 1st | 2d | 3d | T'l. |
|-------------|-----|----|----|------|
| Cheney..... | 73 | 55 | 63 | 191 |
| Taylor..... | 70 | 68 | 70 | 208 |
| Field..... | 56 | 51 | 68 | 175 |
| Warren..... | 71 | 60 | 56 | 187 |
| Perry..... | 73 | 76 | 85 | 254 |

Team totals.....343 310 342 1015

Framingham, Mass.

J. T. Butterworth has recently received a fine invoice of orchids to add to his stock. For several years this branch of horticulture has been a specialty with Mr. Butterworth, and his efforts have been rewarded by having the finest display in New England and one of the best in the country. The amount of floor space used has been increased each year until this year there is upwards of 40,000 feet under glass. The latest novelty in orchids is a seedling of rare beauty, which has been named Mrs. Butterworth. Mr. Butterworth says he has fully \$10,000 invested in orchids. The other flowers and plants are looking fine.

WILLIAMSVILLE, N. Y.—The two large greenhouses being erected on Forest avenue, just west of this village, are nearing completion and will be of the finest in this vicinity. Byrnes Brothers, of Buffalo, who now conduct a large retail floral business, are the owners.

AUTUMN NUMBER

November 19.

SEND ADVERTISEMENT NOW



FANCY

DAGGER

Hardy Cut Ferns

First Quality, 75c per 1000.

ALSO DEALER IN

CHRISTMAS TREES, Baled Spruce for Cemetery Use,
Bouquet Green, Sphagnum Moss, Etc.

L. B. BRAGUE, Hinsdale, Mass.

A Daily Cut From 40 Growers

We can and will fill your Cut Flower wants to advantage.

Plenty of 'MUMS, BEAUTIES, MAIDS, BRIDES, etc. CARNATIONS, VIOLETS, etc. ALL GRADES.

Shipping orders our Specialty. Write, telephone or telegraph.

Long Distance Phone 1129 Main.

Headquarters for HARDY PERNS and WILD SMILAX.

Most Complete Line of
FLORISTS' SUPPLIES
IN THE WEST.

—CATALOGUE FREE.—

E. F. WINTERSON CO.

Established 1894.

45-47-49 Wabash Avenue, CHICAGO.

PETER WEILAND

Wholesale Florist,

Room 18, 128 E. Third Street,
CINCINNATI, O.,
and New Castle, Ind.

Orders Received at Either Place.

Headquarters for American Beauties and all leading varieties of Roses and Carnations.

Try Some New Castle Grown Stock.

—PRICE LIST.—

| AMERICAN BEAUTY. | | Dozen. |
|---------------------------------|--|-------------------|
| 36-inch..... | | \$3.00 |
| 24-inch..... | | 2.00 |
| 12-inch..... | | 1.00 |
| | | Per 100 |
| Short..... | | \$4.00 |
| Bride, Select..... | | 4.00 |
| Medium..... | | 3.00 |
| Short..... | | 2.00 |
| Bridesmaid, Select..... | | 4.00 |
| Medium..... | | 3.00 |
| Short..... | | 2.00 |
| Chatenay..... | | \$2.00 to \$4.00 |
| Sunrise, Uncle John, Perle..... | | \$2.00 to 3.00 |
| Carnations, all colors..... | | 1.50 to 2.50 |
| Smilax..... | | \$1.50 per dozen. |

Quality Our First Consideration.

NOW IS THE TIME TO SOW

Vaughan's Giant-Flowered Cyclamen Seed.



Our seed has been grown by us by a Cyclamen specialist in Europe. This is the third season we are handling his entire crop. The seed is saved only from perfect plants. Shape and size of flowers, foliage and stems and general habit are points on which our seeds are selected. There is no better Cyclamen seed in the market.

| | |
|-------------------------------------------|-----------------------|
| Pure White (Mont Blanc)..... | 100 seeds, 65c; |
| Dark Crimson..... | 1000 seeds, \$5.00. |
| Rosa von Marienthal, "Daybreak" Pink..... | 250 seeds at the 1000 |
| Dark Rose..... | rate. |
| White with carmine eye..... | |

RUBIN, new, the darkest good red, 100 seeds, \$1.50.

WHITE FRINGED, very fine flower, 100 seeds, \$1.00.

EXTRA CHOICE MIXED, per 100 seeds, 50c; 250 seeds, \$1.15; 1000 seeds, \$4.50; 5000 seeds, \$20.00.

NEW GIANT ORCHID—Flowered Cyclamen.

These are exceptionally fine, with very large flowers that are fringed and fringed in wonderful fashion. They are splendid sellers in the Chicago market and our seed is direct from the originator.

| | |
|------------------------------------------|------------------------------|
| Pure White, Red, Pink..... | Each, per 100 seeds, \$1.00; |
| White, with Carmine Eye, Lilac Colored } | 1000 seeds, \$9.00. |

GIANT ORCHID-FLOWERED CYCLAMEN in choicest mixture, 25 seeds, 25c; 100 seeds, 85c; 1000 seeds, \$8.00.

10 PER CENT SPECIAL CASH DISCOUNT. On orders over \$2.00 for Flower Seeds if the cash is enclosed. **10 per cent.** This discount does **not** apply to Asparagus Seed. Cash discount on this is 2 per cent.

VAUGHAN'S SEED STORE,

NEW YORK:

14 Barclay Street.

CHICAGO:

84-86 Randolph Street.

GREENHOUSES: WESTERN SPRINGS, ILL.

RAFFIA

SAMPLES FREE.

We carry a large assortment of **COLORED RAFFIA GRASS** on hand for immediate delivery. Every strand is dyed its entire length.

PRIME QUALITY.

R. H. COMEY CO.

Dyers, Camden, N. J.

NEW HARDY ANNUAL.

The Gold Medal Carmine-Flowered Tobacco Plant

Nicotiana Sanderae

Seeds in original packets from all seedsmen throughout the United States.

Gold Medal, London, 1903. Gold Medal, Royal Horticultural Society of England, 1904. First-class Certificate and Barksean Medal by 24 members of Floral Committee, R. H. Society.

Particulars, colored illustrations, etc., from

SANDER & SONS, ST. ALBANS, ENGLAND.

WHOLESALE AGENTS FOR THE UNITED STATES:

HENRY A. DREER Chestnut St., Philadelphia, Pa.
J. M. THORBURN Cortlandt St., New York.
VAUGHAN'S SEED STORE, Chicago and New York.

STRAW MATS

6x6 ft., \$20.00 per doz.

WM. ELLIOTT & SONS, New York.

Autumn Number,

NOVEMBER 19.

SEND ADVERTISEMENT NOW!

White Romans.

Bulbs Ctms.

Per 100; Per 1000

Per Case.

12 to 15.....\$2.75; \$24.00; 2,000 for \$47.00

13 to 15.....3.25; 28.00; 1,800 for 49.00

ARTHUR T. BODDINGTON, Seeds, Bulbs, Plants, NEW YORK.
342 West 14th St.,

Seed Bags

FOR THE TRADE.

We manufacture a full line in Manila, White, Amber or Colored Laid Papers. Also print in quantities.

Samples on application.

—THE—

Brown Bag-Filling Machine Co.
FITCHBURG, MASS.

LILY OF THE VALLEY

Forcing pips. Very fine variety.
Apply to

JULIUS HANSEN,
Pinneberg, Germany.



H. Wrede,
LUNEBERG, GERMANY
PANSY SEED.

160 First Prizes, the highest awards,
Chicago, Hamburg 97, Paris 1900.

1000 Seeds, finest mixed, 25c.

1-oz. \$2 25

Price List on application. Cash with order

Henry Mette,

QUEDLINBURG, GERMANY.

Grower and Exporter of Choice

Beet, Vegetable and Flower Seed PANSIES.

Mette's "Triumph of the Giants" the most perfect and most beautiful in the world, \$6.00 per oz.; \$1.75 per 1/4 oz.; 75c per 1-16 oz. Postage paid. Cash with order.



ONION SETS

Write for samples and prices.

VAUGHAN'S SEED STORE, Chicago.

MUSHROOM SPAWN.



Frequent importations from England. Always fresh and lively.

J. J. Styer, Concordville, Pa.

Buffalo.

Trade is very good. All flowers are coming in good supply. Society has been rather quiet, with the exception of several weddings.

A very good Halloween window was shown by S. A. Anderson, in which he had pumpkins cut in half filled with ferns and suspended by ropes. The lower part was green moss and pumpkins as lanterns and faces, and one of our florists who happened to pass readily picked out the Florists' Club members in Scott, Neubeck, Kasting and Adams, the likeness in each instance being perfect, more especially the one who picked them out and named them.

D. Newlands & Son have bought another piece of property on Main street for a store to run back of their present place.

J. H. Rehstock's greenhouses are in good shape and he will have a fine lot of stock from now on.

Sunday's papers had a good picture of C. H. Keitsch, superintendent of the H. A. Meldrum show.

W. J. Palmer's store is going to be a very handsome place when completed.

Wm. Scott is sending in some fine yellow chrysanthemums at present.

BISON.

Indianapolis.

Business continues very good. Chrysanthemums are now plentiful, and good, single-stem flowers can be bought on market for \$2 to \$3.50 a dozen. The quality of cut flowers in general is in accordance with the favorable weather that October brought. Growing evergreens planted in tubs are gaining favor. They look very pretty in yards and at entrances, and are also used a great deal in decorations. Frost has nipped all outside stock.

The directors of the Indiana Floral Festival Association met at the Commercial Club October 25 and voted a guarantee of \$100 to the fund for a World's Fair chrysanthemum show to be held at the St. Louis exposition November 7 to 12. The directors of the Indiana association are Ferd L. Mayer, W. H. Block, W. W. Richardson, John Bertermann, Charles H. Badger, Irwin C. Bertermann, secretary, and William F. Milholland, treasurer. Many Indiana growers will compete at St. Louis.

The prize list of the November 15 trade show states that all exhibits receiving premiums will become the property of the association. Please bear in mind that this refers to cut flowers only. F. Stuckriede, secretary, reports great progress, the most prominent of Indiana growers having promised to send exhibits. Among others there is promise of an interesting rose display.

Baur & Smith are making fine progress on their new place. A boiler shed, 30x60, and a cellar 15 feet deep are nearly completed. To begin with they will erect 12,000 to 13,000 square feet of glass.

John Grande is now comfortably housed in his new place. Mr. Grande intends taking it easy this winter. He has, however, put up enough glass to keep him healthy.

Sidney Smith is on the sick list, also Irvin Bertermann. The latter thought he had too much palate and had it cut off, consequently is living on mild liquors. The Indianapolis Flower and Plant Company put up another 100 horsepower boiler.

Bertermann Brothers' window of fall foliage is fine. C. J.

California Privet.

| Packing Free. | | Per 100 | 1000 |
|---------------------------------------|--|---------|---------|
| 50,000 3 years, 2 1/2 to 3 feet..... | | \$3.00 | \$28.00 |
| 50,000 2 years, 3 to 4 feet..... | | 2.75 | 25.00 |
| 200,000 2 years, 2 to 3 feet..... | | 2.25 | 20.00 |
| 200,000 2 years, 20 to 24 inches..... | | 2.00 | 15.00 |
| 50,000 2 years, 15 to 20 inches..... | | 1.75 | 12.00 |
| 400,000 1 year, 12 to 18 inches..... | | 1.00 | 8.00 |

Cuttings, Feb. and March, 8 in. 75
200 Trees, 3 years, heads 4 to 5 feet, each.....20c

Two and three year have been cut back and transplanted, which makes them very bushy, with fine roots.

600,000 ASPARAGUS ROOTS. Per 1000
Palmetto and Barr's Mammoth, 2-year.....\$3.00
Palmetto and Barr's Mammoth, 1-year.....2.50

Write for Trade List. Remember, packing free on fall delivery.

J. H. O'HAGAN, Little Silver, N. J.
RIVER VIEW NURSERIES.

CALIFORNIA PRIVET.

A large stock of extra fine, well furnished two year plants from one to four feet. Grades much higher than most stock sent out. Satisfaction guaranteed. Get my prices before you place your order. Address

CHAS. BLACK, HIGHTSTOWN, N. J.

Philadelphia Rambler.

Flowers brighter and much more double than Crimson Rambler, strong grower, blooms earlier and does not bleach out.

2 1/2-inch plants.....\$6.00 per 100; \$50.00 per 1000
4-inch plants.....2.00 per doz.; 15.00 per 100
5-inch plants.....3.00 per doz.; 22.50 per 100

The Conard & Jones Co., WEST GROVE, PA.

HAERENS BROS., Somergem.

Extensive Growers of

PALMS, ARAUCARIAS, RHODODENDRONS, and other decorative plants for spring 1905 delivery; all carefully grown and packed. For trade list apply to our American Agents.

August Rölker & Sons

31 Barclay St., P. O. Box 752, NEW YORK.

The Cottage Gardens Co.

(Incorporated.)

Queens, Long Island, New York.

Nursery Book, giving descriptions of nursery stock, peonies, etc., mailed upon application.

Jacs Smits, Ltd. NAARDEN (Holland.)

(BRANCH AT BOSKOOP.)

Wholesale Growers of Hardy Fancy, Ornamental nursery stock, pot-grown forcing plants. Lilacs a specialty. Berlin and Hamburg Valley—the best quality. Catalogue free on demand.

When in Europe please inspect our nurseries. NAARDEN-BUSSUM, near Amsterdam, is our R. R. Depot.



Send to

THE MOON

Company

For Trees, Shrubs, Vines
Your } and Small Fruits.

Descriptive Illustrated Catalogue Free
THE WM. H. MOON CO.
Morrisville, Pa.

THE THING AND PERFECTION.

Concord, N. H.
I desire to say that the Fumigating Powder works perfectly satisfactory. I consider it the best thing I have ever used for exterminating the green fly or black aphids.

W. M. COLBY.

See page 592.

It is good business policy
.....to mention the

American Florist

When you write to an advertiser.

Surplus Stock. Clematis, pot-grown, in leading var., with 50% Jackmanni, 3 to 4 feet high, 1 to 3 shoots, \$65.00 per 1000. Clematis, field-grown, 2 to 3 years old, strong shoots, with 50% Jackmanni, \$120.00 per 1000. Tree Roses, in leading var., strong heads and stems, \$160.00 per 10.0. Low budded Ros-s in leading var., 2 years old, \$40.00 per 1000. Climbing Roses, in leading var., 3 to 4 feet high, with plenty of shoots, \$70.00 per 1000. Turner Crimson Ramblers, 3 to 4 feet high, strong shoots, \$50.00 per 1000. Caprifolium, (Honeysuckle) in var.: 5 feet high, strong shoots, \$12.00 per 100. Viburnum Opulus, (Snowball), strong shrubs, 2 to 3 feet high, \$70.00 per 1000. Lilacs, field-grown, 3 years old, in var., as Mary Legraye and Charles X., \$11.00 per 100. This quotation is only for a short while and you better take advantage of it at once. All other nursery stock prices upon application.

Before buying your Holland grown nursery stock elsewhere, you should take advantage of our extremely low prices. We are headquarters for Roses, Hydrangeas p. g., Rhododendrons, Azalea mollis, Paeonias and Ornamental trees. It will pay you to keep in touch with us and advise us of your wants. When in Holland don't forget to call on us, and inspect our nurseries. Gouda is our railroad depot. W. VAN KLEEF & SONS, The Nurseries, Boskoop, Holland.

NO AGENTS. NO AGENTS.

For Fall Trade.

WE OFFER AN IMMENSE STOCK OF

WIER'S CUT LEAF MAPLES, TULIP TREES, AZALEA INDICA, (Home Grown.)

GARDENIAS,

MAGNOLIA GRANDIFLORA,

ORANGES and LEMONS (Grafted).

RUBBERS, KENTIAS, LATANIAS, CHAMÆROPS, PHOENIX and a GENERAL LINE OF NURSERY STOCK.

All Healthy and Clean. Write for prices.

P. J. BERCKMANS CO., Inc.,

Fruitland Nurseries, AUGUSTA, GA.

Please mention the American Florist when writing.

EVERBLOOMING

THE BEST ROSE NOVELTY

**Dwarf
Crimson
Rambler**

Vaughan's
Seed Store

CHICAGO,
NEW YORK.

ORDERS BOOKED NOW.

Please mention the American Florist when writing.

PEONIES.

Festiva Maxima.....\$35.00 per 100
Fine White, generally called Queen Victoria.....9.00 per 100
Rose, the tall-growing, heavy-bloom-ing variety.....6.00 per 100
For other varieties or 1000 rate write

GILBERT H. WILD, Sarcoxie, Mo.

Please mention the American Florist when writing.

Paeonias.

In six distinct named kinds, very low to the trade, in white blush, rose variegated, red and crimson. \$1.50 per doz., \$8.00 per 100; \$75.00 per 1000. 500 at 1000 rate.

PANSIES.

In six separate colors, black, blue, red, white, purple and yellow, in nice plants, \$3.00 per 1000; by mail 50c per 100.

F. A. BALLER, Bloomington, Ill.

Please mention the American Florist when writing.

BAYS.

JULIUS ROEHRS,

RUTHERFORD, N. J.

Please mention the American Florist when writing.

EXHIBITION CHRYSANTHEMUMS

| | |
|-----------------------------|-----------------------------|
| Extra Large Extra Fine..... | \$4.00 to \$5.00 per dozen. |
| Good Fancy Stock..... | 2.00 to 3.00 per dozen. |
| Good Stock Good Size..... | 1.00 to 1.50 per dozen. |
| Small..... | .25 to .75 per dozen. |

ROSES AND CARNATIONS OF THE BEST QUALITY.

A. L. RANDALL CO.

19 Randolph Street,

CHICAGO, ILL.

Bargains for November.

ASPARAGUS PLUMOSUS NANUS.

| | | |
|-----------------------------------------------------------------------------------------------------------------------------|---------|----------|
| Extra Strong Seedlings will make 2-inch stock in 4 weeks, special price per 100 by mail, \$1.50; per flat of 1000, \$14.00. | Per 100 | Per 1000 |
| Strong 2-inch pots..... | \$2.00 | \$18.00 |
| Strong 2½-inch pots..... | 4.00 | 25.00 |
| Asparagus Sprengerii, 2½-inch pots..... | 3.00 | 25.00 |
| Asparagus Comorlensis, 2-inch pots..... | 3.00 | 25.00 |
| Cinerarias, best mixed 2½-inch pots..... | 4.00 | 30.00 |
| Chrysanthemums, bushy plants in 6-inch pots, all colors, best kinds, \$4.00 per dozen. | | |

Celestial or Christmas Peppers.

Will make fine plants for Thanksgiving.

| | |
|---------------------------------------------------------------------------------------------------------------------------|--|
| Strong 5-inch pot plants full of green fruit.....doz., \$2.00; per 100, \$15.00. | |
| Strong 6-inch pot plants full of green fruit.....doz., 4.00; per 100, 30.00. | |
| Carnations, large field plants. Cressbrook, per 100; \$4.00; Indianapolis, per 100, \$8.00; Mrs. Patten, per 100, \$8.00. | |

Dahlias, 5 Grand New Sorts, undivided field roots, per doz., \$3.00. Katherine Duer, Kriemhilde, Progenitor, Rakete, 20th Century. 25 dahlias all new, one of each kind, own selection, field roots for \$5.00. Per doz. Per 100

| | | |
|------------------------------------------------------------------------------|--------|---------|
| Floue Elastica, 5-in. pots, perfect plants, 18 to 20 inches..... | \$1.25 | \$35.00 |
| 6-inch pots, perfect plants, 20 to 24 inches..... | 6.00 | 50.00 |
| Primula Buttercup, strong 3-inch..... | 1.50 | 10.00 |
| Primula Chinensis, Assorted, strong 2½-inch..... | | 3.00 |
| Ferns, Assorted, 2-inch for fern dishes, per 100, \$3.50; per 1000, \$30.00. | | |

Also a large stock of Araucarias and Palms in all kinds and sizes. Write for our special Palm List.

Boston Ferns.

NEPHROLEPIS EXALTATA BOSTONIENSIS.

We have the finest stock in the West. All our plants are pot-grown bushy stock, well furnished with fronds from the pot up, and cannot be compared with the cheap, long-drawn-up, lifted stock from the bench. A sample shipment will convince you of our superior stock. STOCK READY LAST OF AUGUST.

| 2½-inch pot plants..... | Each | Per doz. | Per 100 |
|-------------------------|--------|----------|---------|
| 3 " " "..... | \$.50 | \$ 4.00 | |
| 4 " " "..... | 1.00 | 8.00 | |
| 5 " " "..... | 2.50 | 20.00 | |
| 6 " pans "..... | .50 | 5.00 | 40.00 |
| 7 " " "..... | .75 | 7.00 | 50.00 |
| 8 " " "..... | 1.00 | 9.00 | 65.00 |
| | 1.50 | 15.00 | |

THE NEW FERN

Nephrolepis Scottii.

We have a large stock of this new fern; well-grown pot plants.

| | Per doz. | Per 100 | | Per doz. | Per 100 |
|------------------|----------|---------|------------------|----------|----------|
| 4-inch pots..... | \$5.00 | \$40.00 | 6-inch pots..... | \$15.00 | \$100.00 |
| 5-inch pots..... | 8.00 | 60.00 | 7-inch..... | 18.00 | |

CHICAGO, VAUGHAN'S GREENHOUSES, Western Springs, Ill.

New Carnation WM. PENN.

A pink that will supersede Scott, Joost, Florida and Nelson. Easy to root as a cutting, easy to transplant from the field into the house, because it has the sort of constitution that makes a plant grow under almost any circumstances.

A Companion to, not a rival of "FIANCEE."

—Send For List.—

PRICE, \$10.00 PER 100; \$75.00 PER 1000.

ALBERT M. HERR, Lancaster, Pa.

F. L. KOHR, Lancaster, Pa., R. F. D. No. 3.

Please mention the American Florist when writing.

Carnation Rooted Cuttings.

| NOW READY. | Per 100 | 1000 |
|--------------------------------------|---------|---------|
| QUEEN LOUISE, fine white..... | \$1.20 | \$10.00 |
| ALBA, large white..... | 1.40 | 12.50 |
| AMERICA, red..... | 1.00 | 8.00 |
| MRS. POTTER PALMER, big scarlet..... | 1.20 | 10.00 |
| G. H. CRANE, scarlet..... | 1.20 | 10.00 |
| ELDORADO, yellow..... | 1.20 | 10.00 |
| MARSHALL FIELD, barred..... | 1.40 | 12.00 |
| ARMANDY, barred..... | 1.00 | 8.00 |
| MRS. JOOST, pink..... | 1.20 | 10.00 |
| LAWSON, pink..... | 1.40 | 12.50 |
| PRES. MCKINLEY, pink..... | 1.40 | 12.50 |
| SUCCESS, light pink..... | 1.20 | 10.00 |
| HARLOWARDEN, crimson..... | 1.40 | 12.50 |
| GOV. ROOSEVELT, crimson..... | 1.20 | 10.00 |

UNROOTED CUTTINGS HALF PRICE.

TERMS: Cash with order or C. O. D. with privilege of examination. Express prepaid at above prices. All plants warranted true to name and well-rooted.

HERMITAGE CARNATION CO., Loomis, Cal.

If You Want the BEST Commercial SCARLET Carnation Buy

...CRISIS...

Cuttings ready January, 1904. \$2.00 per doz.; \$12.00 per 100; \$100.00 per 1000; \$95.00 per 1000 in 5,000 lots. Prices on larger quantities on application.

DAVIS BROS. CO.,

BLOOMSBURG, PA.

TO CLOSE OUT.

Field-Grown Carnation Plants.

We offer the following at \$40.00 per 1000. Guaranteed all first size plants:

6000 LAWSON, 1000 GOV. WOLCOTT,
1000 MORNING GLORY, 1000 WHITE CLOUD.

WILL BE SHIPPED FROM HINSDALE.

BASSETT & WASHBURN, Chicago.

Store: 76-78 Wabash Ave., Chicago.

Greenhouses: HINSDALE, ILL.

PLEASE MENTION US WHEN WRITING TO ADVERTISERS.

Cincinnati.

We have had several good frosts lately, which put a stop to outdoor stock, and consequently the market has stiffened considerably in certain lines of stock. American Beauty roses are getting scarcer, and good Bride and Liberty have gone up to \$6 per 100. Violets have been in good demand and chrysanthemums are moving briskly. Some handsome window decorations are to be seen in the retail stores.

Messrs. Ohmer, Witterstaetter, Schwarz, Tromey, Murphy, Huntsman, Adrian, Kyrk, Klotter, Magrie and Rodgers and ladies comprised a party from this city to visit the establishment of the E. G. Hill Company at Richmond, Ind., last Thursday. At Hamilton our genial friend, Theo. Bock, boarded the train. Arriving at Richmond we were met by Mr. Hill, who took the party to the Arlington hotel, where a fine dinner was served. After doing full justice to the dinner Mr. Hill led the way to his greenhouses, and we can truly say we were amply repaid by the glorious sight of the "queen of the autumn." So many new things to be seen that we lingered here and there, it seemed impossible to get away. Carnations, too, look very promising, and the new rose will surely be "it." There were so many attractions at the Hill place it was impossible for us to visit the other places, in fact it was a hurry to catch our train. Many thanks to Mr. Hill for his hospitality.

Ed Forter, of A. Sunderbruch's Sons, has the sympathy of everyone in the death of his wife, who died Wednesday, October 26. The deceased was a daughter of August Sunderbruch and was highly esteemed by all who came in contact with her. The funeral took place on Saturday following and was largely attended. The floral tributes were many and handsome. Mrs. Forter leaves four daughters.

B. Eschner, of Philadelphia, was a caller this week.

A. O.

Knoxville, Tenn.

Chrysanthemum day will soon be observed in Knoxville. The boards of trustees of old and new Gray cemeteries will fix the time for the observance of this flower day. Under a former administration, when Hon. S. G. Heiskell was mayor, the city declared for the observance of one day in each year as chrysanthemum day. On this day the graves in the two mentioned cemeteries are decorated with a profusion of these flowers.

—EARLY NEW—

ROSE CUTTINGS.

Of very best wood, following varieties: La Detroit, Gen. MacArthur, Pres. Carrot, Belle Siebrecht, Perle, La France, Bride, Bridesmaid and Wooton. Write

GEO. A. KUHLE, Pekin, Ill.

Complete Program

IN 2 COLORS.

A Beautiful and Complete World's Fair Souvenir.

MAILED FREE ON REQUEST.

World's Fair Flower Show Ass'n.
227 Michigan Ave., CHICAGO.

Palmer's

Red
Lawson

NOW READY!

SPORT FROM THE FAMOUS
MRS. THOMAS LAWSON

Planted May 18th, in full crop middle of August

ROOTED CUTTINGS:

\$10.00 per 100

\$40.00 per 500

\$75.00 per 1000

Ask your *Brother Florist* if he saw it at the Detroit Carnation Show. Ten to one he will say it's a good carnation to grow. Received **CERTIFICATE OF MERIT** at Detroit Carnation Show—scoring 87 pts.

W. J. Palmer & Son
Lancaster, N. Y.

FIELD GROWN CARNATIONS

| Large vigorous healthy plants. | | Per 100 | 1000 |
|--------------------------------|--|---------|---------|
| Volcott..... | | \$5.00 | \$45.00 |
| Prosperity..... | | 5 00 | 45 00 |
| Palmer..... | | 5.00 | 45.00 |
| Flora Hill..... | | 4.50 | 40.00 |
| Joost..... | | 4.50 | 40.00 |
| White Cloud..... | | 5.00 | |
| Mary Wood..... | | 4.50 | |
| Higinbotham..... | | 4.50 | 40.00 |
| Lawson..... | | 6.00 | |

ROSE PLANTS.

| | |
|---------------------------------------|-------|
| 3 1/2-inch Gate and Bridesmaid..... | 30.00 |
| 2 1/2-inch Golden Gate..... | 20 00 |
| STEVIA, 2 1/2-inch..... | 18.00 |
| A few thousand 'MUMS, 2 1/2-inch..... | 18.00 |

POEHLMANN BROS. CO., Morton Grove, Ill.

CARNATION PLANTS.

All sold except 1000 Flora Hill, 200 Morning Glory, 50 Gomez. \$3.50 per 100; \$30.00 per 1000 as long as they last. They are fine stock.

W. H. WATSON, Lapeer, Mich.

FRED BURKI

Is the new commercial white carnation worthy of your attention. Has scored 88 points at the Detroit Carnation Convention, receiving a certificate of merit. Send for descriptive circular.

John Murchie, S. S. Skidelsky,
SHARON, PA. 824 N. 24th St., Philadelphia.

We Are Selling Agents

—FOR—

GIBSON BEAUTY and WHITE SWAN CARNATIONS.

Shall be pleased to have you correspond with us in regard to prices. Write

GEO. A. KUHLE, Pekin, Ill.

Chrysanthemums.

Stock plants now ready. Large strong and healthy. Glory of Pacific, Polly Rose, Willow Brook, Ivory, Pink Ivory, \$1.00 per doz.; \$6.00 per 100. Monrovia, Robt. Halliday, \$1.00 per doz.; \$7.00 per 100.

Engagements solicited for rooted Carnation Cuttings. Delivery January 1st and later.

H. WEBER & SONS, Oakland, Md.

CHRYSANTHEMUM
STOCK PLANTS.

WM. DUCKHAM, pink, \$10.00 per 100.

CHICAGO CARNATION CO., JOLIET, ILL.

Field-Grown

Carnations

It Has Been a Good Growing Season
With Us and Plants are In Fine
Shape, Strong and Bushy.

| WHITE. | | Per 100 | 1000 |
|-------------------|------|---------|------|
| FLORA HILL..... | 3.50 | 30.00 | |
| Peru..... | 3.50 | 30.00 | |
| Queen Louise..... | 3.50 | 30.00 | |

PINK.

| | | |
|------------------------|--------|---------|
| Mrs. T. W. Lawson..... | \$6.00 | \$50.00 |
| Mrs. Nelson..... | 3.50 | 30.00 |
| Mrs. Higinbotham..... | 3.50 | 30.00 |
| Guardian Angel..... | 3.50 | 30.00 |
| McKinley..... | 3.50 | 30.00 |

RED.

| | | |
|------------------|------|-------|
| Chicago..... | 3.50 | 30.00 |
| Mrs. Ine..... | 3.50 | 30.00 |
| Estelle..... | 6.00 | 50.00 |
| Harlowarden..... | 4.50 | 40.00 |

VARIEGATED.

| | | |
|-----------------|------|-------|
| Mrs. Bradt..... | 3 50 | 30.00 |
|-----------------|------|-------|

All Stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.

PETER REINBERG,
51 Wabash Ave., CHICAGO.

Carnation Plants.

Fine Large and Healthy Field-Grown Plants. Extra Good. \$5.00 per 100; \$45.00 per 1000.

Terms cash at these prices.

| | |
|--------------------------------------------|--------------------|
| 1,000 Scott, | 500 Glacier, |
| 500 Flora Hill, | 500 Morning Glory. |
| 500 Marquis. If sold alone \$6.00 per 100. | |
| 600 Crane, | |

J. C. RENNISON, Sioux City, Ia.

Please mention the American Florist when writing.

With The Bright Outlook
— FOR —
PROSPERITY AHEAD

IT WILL
PROVE MOST PROFITABLE

— TO —
Advertise Liberally

IN OUR

Special Autumn Number

To Be Issued NOVEMBER 19.

Just Right for Thanksgiving and Fall Business.

THE HIGH GRADE VALUE OF OUR SPECIAL NUMBERS
TO ADVERTISERS IS WELL KNOWN EVERYWHERE.

WORTH THINKING ABOUT.

AM. FLORIST COMPANY:—Practically all the
replies I get from western trade advertising
refer to the AMERICAN FLORIST.

JOHN B. DEAMUD.

AM. FLORIST CO.:—The best customers
I have obtained through trade paper adver-
tising have come to me through the columns
of the AMERICAN FLORIST. ALBERT M. HERR.

NO BOGUS INQUIRIES.

Advertisements in regular pages will be taken at our ordinary rates, namely, \$1.00 per inch, \$30.00 per page of thirty inches, with the usual discounts on time contracts. Advertisements on second, third and fourth **SPECIAL COVER PAGES** (printed on heavy toned paper) \$35.00 per page, net.

PLEASE MAIL YOUR ADVERTISEMENT NOW.

**"A Florists' Paper
From Cover to Cover."**

AMERICAN FLORIST COMPANY,
324 Dearborn St., CHICAGO.

European Horticulture.

(From the German Trade Papers.)

TRUFFLES.—Most people are aware what an important part the truffle plays in the seasoning and preparation of fancy pastry and dainty morsels, but few can form any idea of the amount of skill, patience, experience and ingenuity exercised in their labors by those who supply the market with this costly delicacy. The harvesting of a crop of mushrooms, as compared with that of the truffle, is merely child's play. Both are of fungoid growth, the mushroom above ground and extensively cultivated, while the more aromatic, delicate and much higher priced truffle vegetates several inches deep under ground and has to be hunted for. Trained dogs and even hogs are used by the expert truffle hunter in the locating or finding of the sparingly and unevenly distributed "trufflers," or places, where the digging for the tubers will prove successful. These spots are not readily detected without the aid of these animals, especially trained for the work, although some few external signs in the texture of the soil or the surrounding vegetation, not always infallible, sometimes indicate the presence of a colony of tubers under foot. A well trained dog is high priced and valuable property. His course of schooling begins by withholding food for a day or two, then allowing him to eat it after a small dose of truffle has been mixed into it. All his food after this contains some of it, and in the course of time the animal becomes used to and even fond of it. Now he accompanies his master on his truffle hunting expeditions and very soon the dog's keen sense of smell becomes a guide to the hidden treasures far more reliable than all outward signs. There exists several kinds of the edible truffle. The highest in price and most valued is the black variety of Perigord, France. The size of the tuber ranges from that of a filbert to that of a man's fist. A black, warty skin covers the inner fleshy part, which at first is white, but after exposure to light and air also gradually becomes black and emits a most peculiar, delicate aroma. In this condition the truffle is said to be ripe, and its time of harvesting lasts from November until April. A so-called white variety of summer truffle, which is gathered in from July until October, is also a good sort and is mostly found in Upper Italy, Piedmont and Savoy. In very dry seasons the yield in truffles is small, so that, for instance, in the dry year of 1898 the total yield in France amounted to 407,000 pounds, while in the following year, 1899, not less than 1,200,000 pounds were marketed, of which old Perigord, which has lent its name to the most valued sort, alone furnished 185,000 pounds. The price of this aristocratic fungus also fluctuates considerably, so that in one and the same season it frequently runs up from 70 cents to \$3 per pound.

A FRUITFUL COMBAT.—The fact that fruit of all kinds, according to statistical figures, has advanced in price from one hundred to two hundred per cent in the last few years, while at the same time the price for grain has fallen from fifty to sixty per cent is, in some quarters, taken as proof sufficient that the people of Germany are fast learning the lessons of modern dietetic teaching, making a fuller use of fruit as a regular daily necessity, and that in consequence thereof alcoholism is on the wane. May the line of astute reasoning, on which this conjecture is based, remain kinless.

TWO FINE YUCCAS.—*Yucca gloriosa pendula* is probably the most handsome of yuccas. Well established, good sized plants send up a flower stalk four to five feet high, terminating in an immense truss of pendulous, pure white flowers. *Yucca Karlsruhensis*, a new introduction and the result of crossing *Y. filamentosa* with *Y. glauca*, excels either of its parents in beauty of habit and bloom. While in the first named, *Y. gloriosa pendula*, a grand subject for pot culture is offered, the latter novelty will be welcomed by the plantsman for outdoor work, it being thoroughly hardy.

VANDA TERES IN BLOOM.—Probably the most attractive, certainly the most unusual exhibit in the section for orchids at the recent Temple show in London, proved a single, well established specimen of *Vanda teres*, with twenty fully developed spikes of its magnificent flowers. Of all the varieties of *vanda*, a tribe most beautiful but exceedingly shy bloomers, this one is the most obstinate, and the difficulty to coax it into bloom so great that its culture has been discontinued by most orchid growers. This one was in the collection exhibited by one of the most enthusiastic lovers of orchids, the wealthy Baron Schroeder, of London.

A GOOD WINTER BLOOMING FOREET-ME-NOT.—*Myosotis oblongata perfecta* will bloom profusely all winter under a treatment somewhat similar to that given our violets. Sow in June, plant the young seedlings out in the open in good soil, give ordinary good culture, combined with copious watering and frequent sprinkling, lift in the fall and plant the clumps, which will then be of a size a foot across, close together in a bench, using rich, porous soil. A low, airy and cool house suits them best.

CHRYSANTEMUMS IN THE SPRING.—A grower at Brussels has discovered a method in the culture of chrysanthemums which enables him to have perfect flowers on sturdy, long stems, not in the least differing in quality from those obtained in

the fall, at any and all times of the year and from any variety now in cultivation. The blooms of four different varieties, sent by this grower to the editor of *Blindkunst* in the latter part of May, were of faultless form and color on stems over two feet long.

PAPAYER ORIENTALE.—Cut flowers of the newer forms and beautiful hybrids of the oriental poppy are rapidly finding their way to public favor.

TRULY RURAL.—As a noteworthy step in the advancement of ornamental horticulture may be considered the installment of professional gardeners on many of the larger farms in the German provinces. At present this innovation is brought about by a desire on the part of the farmer to imitate and if possible to outdo the city folks, but it is to be hoped that in time a genuine love for the beautiful in nature may find a spot in the bosom of the money-proud agriculturist beside the goodly portion of inherited and well nourished greediness for gain, for which he is justly noted. Report has it that the gardener, fortunate to secure a position on one of these estates, receives a salary not worth mentioning, and that he is expected to take it out in grain, a pig or two, firewood and vegetables.

GOLDEN CHAIN POISONOUS.—We are reminded of the fact that the beautiful *Laburnum vulgare*, so much used on our lawns and home grounds, is one of the most poisonous of ornamental shrubs. In this connection it may be stated that also the highly prized lily of the valley contains a deadly poison.

LIBERTY SCARCER.—The demand for stock of the rose *Liberty* is growing to such an extent all over Europe that the supply is insufficient to meet the great call for this variety.

Providence, R. I.

As usual, we feel the pressure of the chrysanthemum and its consequent effect upon other flowers, although this does not mean that there is any general complaint over the condition of affairs, for business is satisfactory in most lines and the recognized accumulation of carnations and roses is always looked for at this season. Chrysanthemums in Ivory bring \$6 per 100; Robinson and Bonaffon \$10, and a few large sizes bring 12 and even 15 cents each. The extra large varieties have not put in appearance yet. Carnations are dull at \$1 to \$2 per 100, but are of splendid quality. Roses being marketed locally are mostly thirds at 1 and 2 cents. Violets move promptly at 50 cents per 100, and the singles are fine. Design work has been quiet for two weeks, but is now improving. M. M.

Belfast, Me.

Willis E. Hamilton has the French roof up and shingled on his new office building at Cedar and Franklin streets. The building is 30x30 feet, and has a basement six and one-half feet deep in the clear. The heating apparatus for the two greenhouses, each 20x50 feet, will be in the basement. Mr. Hamilton intends to build another greenhouse for general plants on his Congress street lot, in addition to the two already built there for roses and pinks.

Souvenirs

—OF—

World's Fair Flower Show.

POSTERS.

A beautiful Chrysanthemum Poster with Japanese girl and effects. 25 cents.

POSTAL CARDS

In color, 20 for 50c. 45 for \$1.00. Both Posters and Cards postpaid. Address

American Florist Co.,
324 Dearborn St., CHICAGO.

A Step in the Right Direction. We Protect the Florists by Selling to the Trade.

HEADQUARTERS FOR

ARAUCARIA EXCELSA

April importation only. Have an immense stock; can supply all wants. No seedlings. Raised only from top cuttings in Belgium.

5 1/4-inch pots, bushy plants, 10 to 12-inches high, 3 tiers, 50c.

5 1/4-inch pots, 13 to 15 inches high, 3 to 4 tiers 60c.

5 1/4 to 6-inch pots, 17 to 19 inches high, 3, 4 and 5 tiers, 75c.

6-inch pots, 20, 22, 24 inches high, 4, 5 and 6 tiers, 80c, 90c and \$1.00 each.

GREAT BARGAINS IN KENTIA PALMS.

4000 KENTIA FORSTERIANA, 3-inch pots, made-up plants, 3 in a pot, 16 to 18 inches high, 8 to 10 leaves, 15c each by the dozen; per 100, \$12.00; per 500, \$50.00. 4-inch pots, made-up, 20c.

KENTIA FORSTERIANA and **BELMOREANA**, 6-inch pots, 5 to 7 leaves, 30 to 40 inches high, 75c to \$1.00 each.

KENTIA FORSTERIANA, made-up plants, 7-inch pots, 40 to 48 inches high, with 6 smaller, about 18 to 20 inches high, set around, \$1.50 each.

COCOS WEDDELLIANA, 3-inch pots, very strong, \$12.00 per 100.

ASPARAGUS PLUMOSUS NANUS, 3-in. pots, strong, \$6.00 per 100; 4-inch pots, \$12.00 per 100.

FICUS ELASTICA, (Home Grown Rubbers,) 5, 5 1/2, 6-inch pots, from 10 to 17 leaves, 16 to 27 inches high, 30c, 40c, 50c each. Specimens in 6 and 7-inch pots, very strong and bushy, 30 inches high, 75c each.

ARECA LUTESCENS, made-up plants, 3 in a pot, 6-inch, 30 to 35 inches high, 75c; 5 1/4-inch pot, 30 inches high, 3 in a pot, 50c; 6-inch, 25 to 30 inches high, 3 in a pot, 30c.

LATANIA BORBONICA, 6-inch pots, 50c.

PIERSONI FERNS, 5 to 6-inch pots, 35 to 50c. No more 4-inch.

BOSTON FERNS, 5 to 5 1/2-inch pots, 25c, 30c and 40c; 6-inch pots, 18 to 20 fronds, 50c. Specimen 7-inch, very large, 75c to \$1.00 each. 8-inch pots, as large as a bushel basket, \$1.25 to \$1.50 each; worth \$3.00.

MIXED FERNS, for dishes, very straight plants, 2 1/2-inch pots, \$5.00 per 100.

ACORUS GRAMINEUS, variegated grass, for dishes, \$1.00 per dozen.

PRIMULA CHINENSIS, for Xmas blooming, John Rupp's strain, 4-inch pots, \$8.00 per 100.

ADIANTUM CUNEATUM, 4-inch pots, \$10.00 per 100.

SOLANUM, Jerusalem Cherries, full of fruit, 6-inch pots, \$2.00, \$2.50 to \$3.00 per dozen.

CAPSIDUM ANNUM or **CHRISTMAS PEPPER**, in fruit, 5-inch pots, \$2.00 per dozen.

Per steamer Switzerland, just arrived 30 cases of **AZALEA INDICA**, choice American varieties, from 40c, 50c, 60c, 75c and \$1.00 each. I am noted for carrying the finest Azaleas.

Just received from Belgium **PHENIX CANARIENSIS**, 4 feet high, 4 feet wide, 14 perfect leaves, 8-inch pot. They are all perfect jewels; good for decoration, only \$2.00 each; worth \$5.00.

ORACENA SRAVATI, 6-inch pots, 50c.

PLEASE READ one of 100 different testimonials.

CINCINNATI, O., Sept. 29, 1904.

MR. GODFREY ASCHMANN.

Dear Sir:—Many thanks for the prompt delivery, and for the fine stock. The plants arrived all right and were very satisfactory. The palms were very nice and were packed securely. We are also greatly obliged for the price list of plants for Christmas and should we desire to buy any we would surely call upon you.

HOFFMEISTER FLORAL COMPANY,
813 Elm Street, Cincinnati, O.

Cash with order please. All goods travel at purchasers' risk.

Godfrey Aschmann,

Wholesale Grower and Importer of Pot Plants.
Bell Phone Tioga 3669 A.

1012 Ontario St., Philadelphia, Pa.

10,000 GERANIUMS READY NOW.

S. A. Nutt, La Favorite, Mrs. E. G. Hill, Viaud, 2 1/2-inch, \$1.50 per 100. Double Grant, Single Grant, La Favorite, Mrs. E. G. Hill, Viaud, \$1.00 per 100. **BOSTON FERNS**, from bench, 2 1/2-inch, \$2.00; 4-inch, \$8.00; 5-inch, \$10.00. **ASPARAGUS SPRENGERI**, 4-inch, \$8.00 per 100. Strong pot-grown **SALVIA SPLENDENS** and **HELIOTROPE** cuttings, 75c per 100. Will trade for **PIERSON FERNS**, **PRIMROSES**, **CINERARIAS** or **CYCLAMEN**. Cash with order.

F. E. BONHAM, Macomb, Ill.

**GOLD
MEDAL
CANNAS
AT
ST.
LOUIS.**

Cannas.

A large quantity of **named Cannas**, best varieties, fine clumps with 15 to 25 eyes as grown by us in the World's Fair Grounds, St. Louis, are to be disposed of.

To be shipped direct from St. Louis. Write for prices to

**VAUGHAN'S SEED STORE,
CHICAGO.**

**GOLD
MEDAL
CANNAS
AT
ST.
LOUIS.**

BOOKS FOR FLORISTS.

The time is coming along when these are needed and opportunity at hand for reading them. Every one of the following should be in your library.

Send prices quoted and we send the books.

GREENHOUSE CONSTRUCTION (Taft).—It tells the whole story about how to build, and heat a greenhouse, be it large or small, and that too in a plain, easily understood, practical way. It has 118 illustrations. \$1.50.

HEATING AND VENTILATING BUILDINGS (Carpenter).—This book covers the entire subject most fully. In the preparation of heating and ventilating plans, it will be found a most valuable guide. \$4.00.

STEAM HEATING FOR BUILDINGS (Baldwin).—Contains valuable data and hints for steam fitters and those who employ this method of heating. The 350 pages are fully illustrated. \$2.50.

THE HORTICULTURISTS' RULE-BOOK (L. H. Bailey).—Contains information valuable to all those engaged in any branch of horticulture. Illustrated. 312 pages. 75 cents.

PRACTICAL FLORICULTURE (Peter Henderson).—A guide to the successful propagation and cultivation of florists' plants. Illustrated. 325 pages. \$1.50.

THE ROSE—Its cultivation, varieties, etc. (H. B. Ellwanger).—A complete guide of the cultivation of the rose, together with the classification of all the leading varieties. \$1.25.

GINSENG (Kains).—At the present time when so much interest is taken in ginseng it will be interesting to peruse this volume, which tells all about the plant in a way that all may understand. The 144 pages are freely illustrated. 50 cents.

THE PRINCIPLES OF FRUIT GROWING (Bailey).—The entire subject of fruit culture is treated very thoroughly in this illustrated volume of 516 pages. It is a book that no up-to-date fruit grower can afford to be without. \$1.25.

CHRYSANTHEMUM MANUAL (Smith).—By an expert who has given his undivided attention for twenty years to the improvement of the chrysanthemum and its culture in detail. Profusely illustrated. 25 cents.

CABBAGES, CAULIFLOWER AND ALLIED VEGETABLES (Allen).—The requirements of the important vegetables of the cabbage tribe are given here very fully. The book also contains interesting chapters on seed raising, insect pests and fungus diseases common to these plants. 50 cents.

AMERICAN FLORIST CO.,

324 Dearborn Street,

CHICAGO.

GERANIUMS.

ROOTED CUTTINGS.

Fifteen varieties at \$10.00 and \$12.50 per 1000. Send for complete price list.

PETER HENDERSON An improved Double Grant. In fact it is an improvement over all double scarlets and should be in every grower's collection. By mail or prepaid express at 50c per dozen.

**ALBERT M. HERR
LANCASTER, PA.**

Please mention the American Florist when writing.

STANLEY & CO.,
Late STANLEY ASHTON & CO.,
SOUTHGATE, ENGLAND.

The live British Orchid growers and importers supply plants singly or by thousands with equal pleasure. Write for quotations and American testimonials. Brazilian species in bulk shipped direct from Brazilian port. Hybrids a great specialty.

Special Offer Xmas Flowers.

CYPRIPEDIUM TEXANUM, 3 to 4 strong growths, \$62.50 per 100. Wire Odontoglot, London, Nero.
OENDOBIBUM WARDIANUM, 6 to 10 bulbs, \$62.50 per 100. Wire Odontoglot, London, Jove.

—CABLE AT ONCE.—

Orchids!

We have on hand the following imported Orchids in finest condition: Cattleya Trianae, C. Gaskelliana, C. Gigas, Odontoglossum grande, O. crispum, (Alexandra), Oncidium Crispum, O. barbatum. Also quantities of established orchids oow in sheath and spike.

Lager & Hurrell, SUMMIT, N. J.
Orchid Growers and Importers.

VIOLETS.

| | |
|-----------------------------|---------|
| | Per 100 |
| MARIE LOUISE, field-grown | \$5.00 |
| " " pot-grown, 3-inch | 3.00 |
| ASPARAGUS PLUMOSUS, 2½-inch | 5.00 |
| " " 3-inch | 8.00 |
| FERN PIERSONI, 2-inch | 5.00 |
| " " 3-inch | 10.00 |
| " " 5-inch | 20.00 |

I. N. KRAMER & SON, Cedar Rapids, Iowa.

2,000 Princess of Wales and L. H. Campbell

Fine field clumps, \$5 per 100; \$45 per 1000.

2,000 BOSTON FERNS, grown in full light, stocky, for 5 and 6-inch pots, 15c and 20c.

500 ASPARAGUS PLUMOSUS NANUS and **SPRENGERI**, 4-inch, fine, 8c. Cash please.

BENJ. CONNELL, West Grove, Pa.

Always mention the American Florist when you order stock.

PANSIES.

200,000 Extra Strong Stocky Plants.

Giant of best sorts, equal to any, \$2.50 per 1000; \$4.50 per 2000.

PIERSON FERNS

Bench, 4-inch, 15c. 5-inch, 25c.

DOUBLE ALYSSUM, 2-inch, 2c.

BABY PRIMROSE, in bloom, 2-inch, 1½c.

RUBBERS, 5-inch, 35c. Top grown.

COREOPSIS LANCEOLATA, field-grown, 2c.

DAISIES. Snowball, Longfellow, Giant Red, \$3.00 per 1000.

FORGET-ME-NOTS. 3 varieties, \$3.00 per 1000.

ASP. PLUMOSUS NANUS, 2-inch, 2½c.

ASP. SPRENGERI, 2-inch, 2c.

HOLLYHOCKS, Double Yellow, White, Pink, Maroon, Salmon, Red, 1-year, field-grown, \$3.00 per 100; \$25.00 per 1000.

—CASH—

BYER BROS., Chambersburg, Pa.

Please mention the American Florist when writing.

GIANT PANSIES, Best kinds. Sure to please, \$2.25 per 1000; 50c per 100 mail. 2½ 0 and over \$2 per 1000.

Daisies, Longfellow and Snowball, 50c per 100 mail; \$2.50 per 1000.

Hollyhocks, Double, field-grown plants to bloom next summer, mixed, 3c.

Hardy Pinks, field-grown stock, nice size, 2½c. **Double Petunias**, 12 fine sorts, strong 2-in., 2c; Rooted Cuttings, ¾c. **Baby Primrose**, fine stock, 2-in., 1½c. **Hellotrope**, blue, 2-in., 1½c; R. C., ¾c. **Asparagus Sprengeri**, 2-in., 2c. **Plumous Nanus**, 1½-in., 2c; 3-in., 5c. Rooted cuttings prepaid. Cash.

BYER FLORAL COMPANY, Shippensburg, Pa.

Please mention the American Florist when writing

500,000 Pansy Plants

Sample mailed for 5c.

FLORISTS' INTERNATIONAL. Transplanted, strong, \$5.00 per 1000; seed-bed plants, \$4.00 per 1000.

GIANT. Mixed and separate colors, \$3.00 and \$2.50 per 1000. Other seedling perennial plants, 35c per 100. Cash.

GERANIUMS and bedding plants. All AI quality true to name.

Want to book your orders.

LUDVIC MOSBAEK, Onarga, Ill.

PANSIES.

50,000 strong stocky plants in 7 distinct colors or mixed varieties, \$3.00 per 1000; 2,000 for \$5.00. Plant now for spring.

F. A. Baller, Bloomington, Ill.

Wm. P. Craig, 1224 Cherry St., Philadelphia, Pa.

Representing Joseph Heacock and John Burton, Assignees.

PALMS, FERNS, CROTONS and DECORATIVE PLANTS.

Syracuse, N. Y.

At the retail store of P. R. Quinlan & Company Manager Robertson said that business had improved wonderfully, both wholesale and retail. He said they had used up all the stock in sight. Chrysanthemums and carnations, he said, were at their best and sell well. Mr. Robertson had a pretty wedding decoration, using asparagus and white chrysanthemums for the canopy. The drawing room was in pink and the large dining room and hall were in Perle roses and asparagus, with ribbon effect.

Robert Dunn, of the Waban Rose Conservatories, of Natick, Mass., has entered upon his duties as foreman of the Onondaga Valley range of P. R. Quinlan & Company. Mr. Dunn succeeds Robert H. C. Bard, who, as previously announced, has gone into business for himself. He is an experienced rose and carnation grower, and will be a valuable addition to the ranks of the florists here.

James Statio has opened a store at 106 South Salina street. He is in the same room occupied by the Auburn & Syracuse Electric railroad for a waiting room, and is in a position to get considerable trade from that source. He has built a cooler and laid in a stock of cut flowers. He formerly worked for a florist in Rochester.

The meeting of the State Federation of Women's Clubs this week made considerable business for the florists. Henry Morris, P. R. Quinlan & Company and Wheadon & Hencle all had a portion of the decorations, and some very tasty effects were produced.

Henry Morris had the bay, box tree and fern decorations of the First Presbyterian church, where the meetings of the State Federation of Women's Clubs were held.

Peter Kay, of Teall avenue, makes a specialty of carnations and asparagus, and is growing some excellent specimens. A. J. B.

Minneapolis.

Florists here find, at the beginning of the winter season, they are unable to obtain a supply of flower pots except by sending to potteries in other states. They are wondering why a reply has not been made to their request for an investigation by the city authorities into the advisability of establishing a pottery at the workhouse. It is probable that a petition signed by the Florists' Club will be handed to the city authorities in a few days asking for an answer or an investigation.

Lead, S. D.

Alex. Rose is busy setting posts for two large greenhouses which he contemplates having in running order January 1. This extension will double his capacity.

Lead and Deadwood are enjoying unbounded prosperity, with Lead in the lead, as it is situated on top of the great Homestake gold mine.

Allen McDowell, of Deadwood, is erecting an extensive establishment for the growing of lettuce.

Mr. Daniels, of Deadwood, is retiring from the florist business.

MOUNTAINEER.

PONKAPOAG, MASS.—James Cobb celebrated his thirty-third birthday anniversary at his home October 8. His friends spent a happy hour with whist and music.

Asparagus Plumosus Nanus

| | |
|--------------|----------|
| | Per 1000 |
| 2¼-inch..... | \$15.00 |
| 2½-inch..... | 18.00 |
| 3-inch..... | 22.00 |

Cash. Express prepaid. 250 at 1000 rates.

CALIFORNIA CARNATION CO.,
LOOMIS, CALIFORNIA.500,000 VERBENAS THE CHOICEST VARIETIES
IN CULTIVATION.

Fine pot plants, \$2.50 per 100; \$20 per 1000. Rooted Cuttings, 50c per 100; \$5 per 1000; \$45 per 10,000.

NO RUST OR MILDEW.

PACKED LIGHT, AND SATISFACTION GUARANTEED. SEND FOR CIRCULAR.

We are the Largest Growers of Verbenas in the country. Our plants cannot be surpassed.

J. L. DILLON, BLOOMSBURG, PA.

A FEW GOOD THINGS
YOU WANT.

KENTIA PALMS, a fine lot of single and made-up plants as was ever grown, 4, 5, 6, 7, 8-inch pots, at 20c, 35c, 75c, \$1.50 to \$3.00 each.

BOSTON FERNS, 5-inch, \$30 per 100.
DRACAENA INDIVISA, 2, 3, 4, 5-inch, \$2, \$5, \$10 and \$25 per 100.

ASPARAGUS PLUMOSUS, 2 and 3-in., \$4 and \$8 per 100.

ASPARAGUS SPRENGERI, 2 and 3-in., \$3 and \$5 per 100.

GERANIUMS, rooted cuttings, Mrs. E. G. Hill, Riccard, John Doyle, Perkins, \$1.25 per 100, single and double Grant, La Favorite, \$1.00 per 100. Poitevine S. A. Nutt, 2-in. pots, \$3.00 per 100.

VINCA VARIEGATA, 2-inch, \$2.00 per 100.

Unrooted cuttings of CARNATIONS. The best and cheapest way to buy them. Queen Louise, Portia, Crocker, Goodenough, Mermaid, Roosevelt, 50c per 100. Lawson, Enchantress, Boston Market, Fair Maid, Harry Fenn, \$1.00 per 100.

CHINESE PRIMROSE, 3-in., \$4.00 per 100.

BEGONIA REX, 2-in., \$4; 2½ and 3-in., \$6 per 100.

CINERARIAS, 2-inch, \$2.00 per 100; 3-inch, \$4.00 per 100.

CYCLAMENS, Giant, 4-inch, 10c; 5-inch, 25c.

PRIMULA OBSCURA, 2-inch, \$3.00 per 100.

CASH OR C. O. D.

GEO. M. EMMANS, NEWTON, N. J.

Please mention the American Florist when writing

Adiantum
Cuneatum

From 2-inch pots, fine healthy plants, ready to shift, \$3.00 per 100; \$25.00 per 1000.

Just ready to plant out for cutting this winter.

THE GEO. WITTBOLD CO.,
1657-1659 Buckingham Place,
CHICAGO, ILL.

Please mention the American Florist when writing.

FIVE YEARS OF ECONOMY.

Freeport, L. I.
I have used your Fumigating Powder for fumigating the last five years, and find it does efficient work and does it economically.

CHAS. LENKER.

See page 592.

ASPARAGUS

Plumosus Nanus, 2¼-inch pots, per 1000, \$15.00; per 100, \$2.00.

Pansy Plants.

Large flowering, per 1000, \$2.50; per 100, 60c. Cash.

JOS. H. CUNNINGHAM, Delaware, O.
Please mention the American Florist when writing.

Poinsettias.

| | |
|-------------|-------------------|
| | Per 100 |
| 3-inch..... | \$ 8.00 |
| 4-inch..... | 15.00 |
| 5-inch..... | \$20.00 and 25.00 |
| 6-inch..... | \$30.00 and 35.00 |

Strong plants. Satisfaction guaranteed.
Cash with order.

BAUR FLORAL COMPANY, Erie, Pa.

JOHN BURTON, Assignee for
ROBERT CRAIG & SON,
Roses, Palms,
and Novelties in Decorative Plants.
Market and 49th Sts., Philadelphia, Pa.

CYCLAMEN

SPLENDENS GIGANTEUM HYBRIDS. Finest strain in the world, in four true colors, well budded plants with good foliage, from 5-inch pots, \$2.50 per doz.; \$20.00 per 100. Satisfaction guaranteed.

PAUL MADER, East Stroudsburg, Pa.

RUDBECKIA.

| | |
|-----------------------------------------------|---------|
| | Per 100 |
| Extra choice, large clumps..... | \$5.00 |
| Asp. Sprengeri, extra quality, 2¼-in. pots... | 2.00 |
| Asp. Plumosus, extra quality, 2½-in. pots... | 2.50 |
| Asp. Plumosus, extra quality, 3-in. pots..... | 4.00 |

JOHN BROD, Niles Center, Ill.

SPECIALTIES

ROSES, from 3-inch pots,
CARNATIONS, for all delivery.
CHRYSANTHEMUMS,
SMILAX, VIOLETS.

**In Best
Varieties**

Prices Low. Send for List.

WOOD BROTHERS, Fishkill, N. Y.

Asparagus

Plumosus Nanus Seedlings. Strong plants ready for 2-inch pots, \$12.00 per 1000; ready for 3-inch, \$20.00 per 100, prepaid.

Drake Point Greenhouses,
YALAHUA, FLORIDA.

BOSTON FERNS.

Extra fine stock, cut from bench now ready for 5, 6, 7 and 8-inch pots at \$25.00, \$50.00, \$75.00 and \$100.00 per 100. **KENTIA'S, RUBBERS, ASPARAGUS PLUMOSUS NANUS.** Cash or reference please.

L. H. FOSTER, 45 King St.,
DORCHESTER, MASS.

GOOD FERNS.

BOSTON FERNS, short and bushy, each 50c; per dozen \$6.00; per 100 \$15.00.

PIERSON FERNS, fine bushy plants, \$1.00 each; 8-inch, \$1.25 each.

JOHN SCOTT, Brooklyn, N. Y.,
Keep Street Greenhouses.

FERNS.

We are headquarters in the West for these as well as **PLUMOSUS** and **SPRENGERI**. All sizes. Write

GEO. A. KUHL, Pekin, Ill.

BOSTON FERNS.

4-inch, \$15.00; 5-inch, \$25.00; 6-inch, \$40.00; 7-inch, \$60.00; 8-inch, \$75.00 per 100. Any number at these prices. All short bushy pot-grown plants that are sure to please.

DAVIS BROS., MORRISON, ILL.,
GENEVA, ILL.

Boston Ferns.

Strong bushy plants, from bench, ready for 5-inch pots, 25c each.

ASPARAGUS SPRENGERI.

2½-inch, very strong, ready for immediate shift, \$2.50 per 100; \$20.00 per 1000. Cash.

H. N. EATON, So. Sudbury, Mass.

NICKEL PLATE.
The New York, Chicago & St. Louis R.R.

NO
EXCESS
FARE
ON ANY
TRAIN

Three Express Trains East every day in the year. Pullman Drawing Room Sleeping Cars on all Trains. Trans-Continental Tourist Cars leave Chicago Tri-Weekly on Tuesdays and Sundays at 2:30 p. m., on Wednesdays at 10:35 a. m. Chicago to Boston without change. Modern Dining Cars serving meals on individual club plan, ranging in price from 35c to \$1.00; also service a la Carte. Coffee and Sandwiches, at popular prices, served to passengers in their seats by waiters. Direct line to Fort Wayne, Findlay, Cleveland, Erie, Buffalo, Rochester, Syracuse, Inghamton, Scranton, New York City, Boston and all points East. Rates always the lowest. Colored porters in uniform in attendance on all Coach Passengers. If you contemplate a trip East, call on any convenient Ticket Agent, or address JOHN Y. CALAHAN, Gen'l Agent, 113 Adams St., Chicago, Ill.

JOHNSON'S HANDY MANUAL.

The latest and best book now on the market for those interested in greenhouse heating and ventilating. This book has just been revised and now contains over 125 pages of valuable information, fully illustrated with cuts and working plans. If you intend to overhaul your heating apparatus, Johnson's Manual will tell you how to do it with the best results. If your boiler consumes too much fuel, Johnson's Manual treats on how to make your plant economical in that respect.

Mr. J. W. Johnson, the Author, is a practical steam and hot-water heating engineer of 25 years' experience. The "Manual" mailed postpaid to all points in U. S. and Canada upon receipt of \$1.00.

J. W. JOHNSON, 802 Stewart Bldg., Chicago.

Fern Bargains

Our stock of the following ferns is exceptionally fine, of deep rich green color and bushy. Early orders receive select plants.

Neph. Bostoniensis, **Neph. Piersoni,**
Neph. Cordata Compacta.

From 4-inch pots.....\$15.00 per 100.

NATHAN SMITH & SON,
Adrian, Mich.

Geo. Wittbold Co.,
1657 Buckingham Pl., CHICAGO, ILL.

Send for Price List on

Palms and Ferns

PALMS, FERNS

AND

Decorative Plants.

R. DREYER, Woodside, L. I., N. Y.

ASPARAGUS SPRENGERI.

All Nice, Healthy, Thrifty Plants.

2½-inch pots.....\$1.00 per 100; \$ 8.00 per 1000
3-inch pots..... 2.00 per 100; 18.00 per 1000
4-inch pots..... 3.00 per 100; 25.00 per 1000

Cash with the order.

F. WALKER & COMPANY,
Box 316, NEW ALBANY, IND.

JOSEPH HEACOCK,
WYNCOTE, PA.
—CROWER OF—

Kentia Belmoreana
and **Kentia Forsteriana**

Asparagus Plumosus Nanus.

Strong 2½-inch plants. \$2.00 per 100; \$20.00 per 1000. 3-inch. \$3.50 per 100; \$30.00 per 1000.

New crop Shasta Daisy Seed, trade pkt., 25c; 1 oz., \$5.00; 1 lb., \$50.00. Charges prepaid. Terms Cash or C. O. D.

LOOMIS FLORAL CO., Loomis, Cal.

Palms and Asparagus Cheap.

Per 100
Latania Bor., 2-in. pot, seed leaves.. 3.00
" " 3-in. pot, 15-18 in., 2-3 chr. lvs. 12.00
" " 5-in. pot, 18-20 in., 3-4 chr. lvs. 15.00
" " 5-in. pot, 20-24 in., 4 chr. lvs. 20.00
Kentia Bel., 2½-in. pot, 6-8 in., 2 leaves.. 10.00
" " 3-in. pot, 8-10 in., 3-4 leaves.. 12.50
" " 4-in. pot, 12-15 in., 4-5 leaves.. 16.00
Asparagus Sprengeri, 2-inch.....\$2.00
Asparagus Plumosus Nanus, 2-inch..... 2.50
" " 3-inch..... 5.00

SHERMAN NURSERY CO.,
CHARLES CITY, IA.

Boston Ferns

Nice, clean stock, from 2½-inch pots, \$5.00 per 100; 3-inch pots, \$8.00 per 100. Cut from the bench, suitable for 4-inch, 5-inch, 6-inch pots, at \$15.00, \$20.00 and \$25.00 per 100.

ARAUCARIA EXCELSA, 5-inch pots, 3 to 4 tiers, 50c each, or \$5.00 per doz.

Ocean Park Floral Co.,

E. J. VAWTER, Pres. OCEAN PARK, CAL.
Please mention the American Florist when writing

Your Last Chance.

Don't miss this opportunity of securing the following stock. Guaranteed first-class in every respect at half price. We need the room.

BOSTON FERNS. Clean and healthy. From 5-inch pots, \$3.00 per dozen; \$20.00 per 100. 25 at 100 rate.

ASPARAGUS SPRENGERI. Nice 2½-inch plants, \$1.25 per 100; \$12.00 per 1000.

The W. T. Buckley Plant Co.
SPRINGFIELD, ILL.

Boston Ferns.

From bench, \$1.50 to \$10.00 per 100.

ASPARAGUS SPRENGERI, own stock, in fine shape, 2-inch, 2c; 2½-inch, 3c.

CANNAS, in twenty best varieties, \$2.00 per 100.

W. W. COLES, Kokomo, Ind.

....AN....

Indispensable Adjunct

TO a successful wholesale business is an up-to-date, accurate, complete Trade Directory. Such a book, 412 pages, containing the name and address of every florist, nurseryman and seedsman in America, horticultural supply concerns, leading foreign houses, and much other information will be mailed from this office on receipt of \$2.

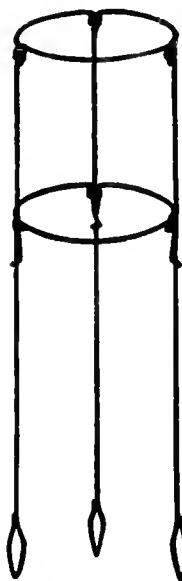
AMERICAN FLORIST CO.

324 Dearborn St., CHICAGO, ILL.

Are all flower growers liars?

Surely this cannot be true. Well, we have over 100 growers who have written us, a large majority without request, their opinions; we publish a few of these letters in the columns of this paper, see on pages 584, 592, 594, 595, 596, what they say about the **FUMIGATING KIND TOBACCO POWDER**. All began with a five pound trial bag at our expense, which gave them an opportunity, without cost, to prove its GOODNESS and our assertion that it was the most effective, cleanest and quickest, as well as the cheapest (10 cents per 100 foot house) article to fumigate with, and that all kinds of aphids can be killed in one night. Let us send you a five pound trial bag by express, it will cost you nothing but the express charges on it, and be convinced that what your brother growers say of it is true. Our booklet tells of it; we mail it on request.

The H. A. STOOHOFF COMPANY, Tobacco Powder Hobbyists,
116, 117, 118 West Street, NEW YORK.



MODEL EXTENSION CARNATION SUPPORT

Made with two or three circles. Endorsed by all the Leading Carnation growers as the best support on the market.

Pat. July 27, '97, May 17, '98

**CALVANIZED WIRE
ROSE STAKES,**

Write for prices before ordering elsewhere.

Prompt shipment guaranteed

IGOE BROS.,

226 North 9th St.,
BROOKLYN, N. Y.

Please mention the American Florist when writing.

CUT FLOWER BOXES WATERPROOF Corner Lock Style.

The best, strongest and neatest folding cut flower box ever made. Cheap, durable. To try them once is to use them always. Per 100 Per 1000

| Size No. | 0. | 3x 4x20 | ..... | \$2.00 | \$19.00 |
|----------|-----|----------|-------|--------|---------|
| " | 1. | 3x 4½x16 | ..... | 1.90 | 17.50 |
| " | 2. | 3x 6x18 | ..... | 2.00 | 19.00 |
| " | 3. | 4x 8x18 | ..... | 2.50 | 23.00 |
| " | 4. | 3x 5x24 | ..... | 2.75 | 26.00 |
| " | 5. | 4x 8x22 | ..... | 3.00 | 28.50 |
| " | 6. | 4x 8x28 | ..... | 3.75 | 36.00 |
| " | 7. | 6x16x20 | ..... | 5.50 | 54.00 |
| " | 8. | 3x 7x21 | ..... | 3.00 | 28.50 |
| " | 9. | 5x10x35 | ..... | 6.50 | 62.00 |
| " | 10. | 7x20x30 | ..... | 9.50 | 67.50 |
| " | 11. | 3½x5x30 | ..... | 3.00 | 28.50 |

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

THE LIVINGSTON SEED COMPANY,
BOX 104, COLUMBUS, OHIO.

Please mention the American Florist when writing.

A. HERMANN,

- ✱ Cape Flowers, all colors.
- ✱ Cycas Leaves, Metal Designs.
- ✱ and All Florists' Supplies.

SEND FOR PRICES.

404-412 East 34th Street, NEW YORK.

Please mention the American Florist when writing.

SIGMUND GELLER, FLORISTS' SUPPLIES AND RIBBONS.

108 West 28th Street, New York.

NOVELTIES always on hand

Please mention the American Florist when writing.

Tobacco Dust FOR FUMIGATING.

It would pay large users of dust to communicate with us and get samples and prices.

Edwin L. Koppelman & Co., 81 PINE STREET,
NEW YORK.

ESTABLISHED
1866

EMIL STEFFENS

SUCC.^{TO} N. STEFFENS.
AND STEFFENS BROS.



ROSSIG BROTHERS, —MANUFACTURERS OF— Artificial Leaves.

ALL STYLES IN HUNDREDS OF DIFFERENT DESIGNS. PAPER AND MUSLIN. SMILAX,
YARDS and PIQUETS. Samples Furnished to the Jobbing Trade Only.

497 West Broadway, NEW YORK.

ATTENTION!!! Florists.

For WAX FLOWERS, BASKETS, WAX FLORAL DESIGNS, WHEAT SHEAVES, Etc., send to
J. STERN & CO., 1928 Germantown Ave., Philadelphia.
Ask for our Illustrated Catalogue.

"NICOTICIDE"
THE BUG KILLER

TOBACCO WAREHOUSING & TRADING CO.
LOUISVILLE, KENTUCKY.



PURE SHEEP MANURE

Dried, Unpulverized and
Pulverized.

—WRITE FOR PRICES.—

MONTANA FERTILIZER CO., Elgin, Ill.

L. BAUMANN & CO.,

Importers and Manufacturers of
Florist Supplies

76-78 Wabash Ave., CHICAGO.

Write for our New Catalogue. Our
prices may interest you.

KORAL LETTERS

For Sale by all Wholesale Houses.

Koral Mfg. Co.,
12 Hawley Place, Boston, Mass.

Wired Toothpicks

10,000, \$1.50; 50,000, \$6.25. Manufactured by
W. J. COWEE, BERLIN, N. Y.
Sample Free. For sale by dealers.

GREEN SILKALINE.

Do not be put off with cheap substitutes.

John C. Meyer & Co.,
80 Kingston St., BOSTON, MASS.

Please Mention The American Florist When Writing.

OUR XMAS BELLS

are the best
and cheapest
in the United
States, not one
kind but all kinds.
Ring out the bells!
Wild bells, all bells.

WE DON'T KEEP ANYTHING.

WE SELL EVERYTHING in

Florists' Supplies

YES
We hear
there are others,
but our custom-
ers say the name
"Bayer & dorf"
means **THE BEST**
in Florists' Supplies,
Sheaves, Immortelles,
Wheat, Baskets, Doves,
Paper, etc., etc., and you
get them as promptly as
you get them good.

H. Bayersdorfer & Co.

50—56 N. Fourth St., PHILADELPHIA, PA.

Please mention the American Florist when writing.



REDPOTS

SAMPLE POT AND PRICE LIST
ON APPLICATION.

C. C. POLLWORTH CO., MILWAUKEE, WIS.

—WRITE—

A. F. Kohr

1521-23 N. Leavitt St., CHICAGO, ILL.,

FOR PRICES OF

Standard Pots which for strength and porosity combined are the best on the market.

REDPOTS

WE MAKE THEM.

For prices and sample, address the

Colesburg Pottery Co., COLESBURG, IOWA.

The Florists' Hail Ass'n.

Now insures upwards of 21,000,000 square feet of glass. For particulars address

John G. Esler, Sec'y.

SADDLE RIVER, N. J.

"NICOTIGIDE"

KILLS BUGS

TOBACCO WAREHOUSING & TRADING CO.,
LOUISVILLE, KENTUCKY.

THE KELLER POTTERY COMPANY,

Manufacturers of FLORISTS' RED STANDARD POTS.

Azalea Pots, Bulb and Fern Pans, Etc.

Write for Price List. 213-15-17-19-21-23 Pearl St., NORRISTOWN, PA.

Standard Flower Pots

The WHILLDIN POTTERY COMPANY,
PHILADELPHIA PA. JERSEY CITY, N. J. LONG ISLAND CITY, N. Y.

Traveling Representative, U. CUTLER RYERSON, 108 Third Ave., Newark, N. J.

STANDARD FLOWER POTS!

Packed in small crates, easy to handle.

| Price per crate | Price per crate |
|------------------------------|-----------------------------|
| 1500 2-in., in crate, \$4.88 | 120 7-in., in crate, \$4.20 |
| 1500 2½ " " 5.25 | 60 8 " " 3.00 |
| 1500 3 " " 6.00 | 48 9-in., in crate, \$3.60 |
| 1000 3 " " 5.00 | 48 10 " " 4.80 |
| 800 3½ " " 5.80 | 24 11 " " 8.60 |
| 500 4 " " 4.50 | 24 12 " " 4.80 |
| 320 5 " " 4.51 | 12 14 " " 4.80 |
| 144 6 " " 8.16 | 6 16 " " 4.50 |

Seed pans, same price as pots. Send for price list of Cylinders for Cut Flowers, Hanging Baskets, Lawn Vases, etc. Ten per cent off for cash with order. Address

HILFINGER BROS. POTTERY, Fort Edward, N. Y.
Or AUGUST ROLKER & SONS, New York Agents,
31 Barclay Street, New York City.

Standard Flower... POTs

If your greenhouses are within 500 miles of the Capitol, write us, we can save you money.....

W. H. ERNEST.

28th and M Streets WASHINGTON D. C.

Please mention the American Florist when writing.



GEO. KELLER & SON,
MANUFACTURERS OF
FLOWER POTS.

Before buying write for prices.

361-363 Herndon Street,
near Wrightwood Ave.,
CHICAGO, ILL.

THOSE RED POTS

"STANDARDS"

FULL SIZE AND WIDE BOTTOMS.
BULB PANS AND AZALEA POTS.

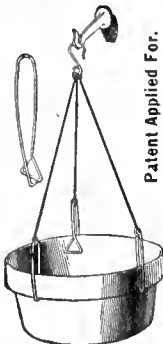
DETROIT FLOWER POT M'FY.,

HARRY BALSLEY, Rep. DETROIT, MICH.,
490 Howard St.,



Please mention the American Florist when writing.

Kramer's Pot Hanger



The neatest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They fit all standard made pots from 2 to 10 inches in diameter. The illustration shows how they are attached. Just the thing for hanging up ferns, begonias, etc. You can make room and money by their use. Try them.

FOR SALE BY WHOLESALE SEEDSMEN, FLORISTS AND SUPPLY DEALERS.

Price with wire chain as shown in cut, \$1.00 per dozen by express. Sample dozen by mail, \$1.25.

I. N. Kramer & Son, Cedar Rapids, Iowa.

Please mention the American Florist when writing.

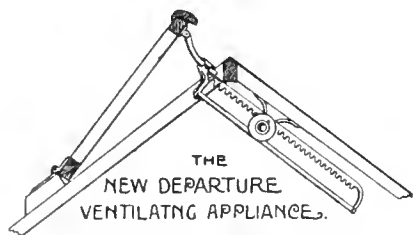
Louisville.

The last week has been one of divided satisfaction, some having all they could attend to, while others were very quiet. Several funerals caused quite an extensive demand for good stock. Roses of extra quality can be had in satisfactory quantities with the possible exception of American Beauty. The demand is all that can be expected. Carnations of good quality are now to be had but as yet a little short in quantity. The demand is good. Chrysanthemums are of good quality, but have with some been short in quantity, owing possibly to some of last year's successful growers not being so fortunate this year. The demand has been good. Violets have been seen for quite a while but not enough to say much. Cosmos and dahlias, both of which gave unusual satisfaction this year are at an end. Green goods are plentiful.

William Walker's display of chrysanthemums was a very attractive sight, his store being tested to nearly full capacity.

Henry Fuchs has been successful with a lot of Kaiserin roses, grown on bench. The flowers for young stock were unusually good.

Visitor: Mr. O'Neill, of Vaughan's Seed Store. F. L. S.



CHEAPEST AND BEST.

If you doubt it try them and be convinced. Send for descriptive price circular.

J. D. Carmody, Evansville, Ind.

FOR SALE

At Low Prices.

BOILERS.

30 good Second-Hand overhauled Boilers, ranging from 20 to 100 horse-power will be sold at bargain prices.

BOILER TUBES.

Overhauled and in good condition; sizes from 2 to 6 inches.

STANDARD BLACK WROUGHT IRON PIPE.

Sizes, 3-8 to 14 inches.

VALVES AND FITTINGS.

Overhauled and in good condition at right prices.

GALVANIZED WIRE. 10 to 20 gauge.

RUBBER HOSE. 4 1-2 cents per foot and up.

ASK FOR CATALOGUE NO. 47.

Chicago House Wrecking Co.,
CHICAGO, ILL.

THE LEHMAN HEATER SEASON IS HERE.

Watch Future Advertisements

FLORIST Plain, Violet, Rose FOIL

MADE BY

The John J. Crooke Co.

155 Ave. D, NEW YORK. 149 Fulton St., CHICAGO.

M. RICE & CO.,

Importers and Manufacturers,

Leading Florists'
Supply House and
Ribbon Specialists.

918 Filbert Street,
Philadelphia, Pa.

BEST ENGRAVINGS and ILLUSTRATIONS

—Of Every Description—

FOR CATALOGUES.

SEE OUR WORK IN THIS PAPER.

SEND FOR ESTIMATES.

GLOBE ENGRAVING and ELECTROTYPE CO.

407-427 Dearborn St., CHICAGO.

Tin Foil

Plain, Fancy. Printed & Mounted.

Manufactured by

The Conley Foil Co.

521 to 541 West 25th St.,
NEW YORK.

Please mention the American Florist when writing.

SAFE THING; DON'T INJURE.

Westerly, R. I.

I have used your Fumigating Kind Tobacco Powder for several years, with the best of results. I find this to be a safe thing to use in Fumigating, as it does not injure the buds as formerly when we used Tobacco Stems. See page 592.

S. J. REUTER.

JUST RIGHT FOR

...Thanksgiving

SPECIAL AUTUMN NUMBER

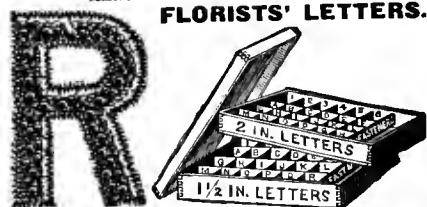
November 19.

SEND ADVERTISEMENT NOW

Boston Florist Letter Co.

MANUFACTURERS OF

FLORISTS' LETTERS.



This wooden box nicely stained and varnished, 18x30x12 made in two sections, one for each size letter, given away with first order of 500 letters.

Block Letters, 1 1/2 or 2-inch size, per 100, \$2.00.

Script Letters, \$4. Fastener with each letter or word.

Used by leading florists everywhere and for sale by all wholesale florists and supply dealers.

N. F. McCARTHY, Treas. and Manager,
84 Hawley St., BOSTON, MASS.

Please mention the American Florist when writing.

THE Regan Printing House

—Large runs of—

CATALOGUES

Our Specialty. Write for Figures.

83-91 Plymouth Place. CHICAGO.

is a good business policy to mention

The...
AMERICAN FLORIST

When you write to an advertiser

PUMPS Rider-Ericson. Second-hand. From \$45.00 up; all repairs; other makes; new; cheap.

BOILERS Second-hand Greenhouse Boilers guaranteed. Send for prices; state size wanted.

PIPE New 2-in. full lengths, with coupling, 8½¢ a foot. Good serviceable second-hand, 2-in., 6½¢; 1½-in., 5½¢; 1¼-in., 3½¢; 1-in., 3¢; ¾-in., 2½¢. New and old fittings and valves.

GARDEN HOSE New, ¾-in., guaranteed 100-lbs. pressure, 7½¢ per ft.; ¾-in. not guaranteed, 4½¢ per ft.

HOTBED SASH New. Cypress, 3x6-ft., from 70¢ up; glazed, complete, from \$1.60 up.

Get our prices on New Cypress Building Material, Ventilating Apparatus, Oil, White Lead, Putty, Paint, Points, etc.

OLD GREENHOUSES BOUGHT.

SEND FOR PRICES ON STEAM FITTING TOOLS.

References: Bradstreet's, Dunn's or Broadway Bank of Brooklyn.

METROPOLITAN MATERIAL CO.,

1398-1408 Metropolitan Ave., BROOKLYN, N. Y.

Please mention the American Florist when writing.

GREENHOUSES.

MATERIAL FURNISHED
AND
MEN TO SUPERINTEND
ERECTION IF DESIRED.
CYPRESS SASH BARS
ANY LENGTH UP TO 32 FEET OR LONGER.

THE A. T. Stearns Lumber Co.,
NEPONSET, BOSTON, MASS.

Please mention the American Florist when writing.

Established 1899. Tel. 174 Bergen.

Phillips Manufacturing Co.

222-226 Kearney Ave., Jersey City, N. J.

Horticultural Architects, Builders
and Heating Engineers.

Designers and Manufacturers of
every description of Glass Houses
for private or commercial uses. Most
modern and up-to-date.

If you write or telephone us, we do
the rest.

—RUSTIC WORK A SPECIALTY.—

EVANS' IMPROVED CHALLENGE VENTILATING APPARATUS

WRITE FOR ILLUSTRATED CATALOGUE
QUAKER CITY MACHINE WORKS
RICHMOND, IND.

BOTH GRADES ON TOP.

Chicago, Ill.

We have used both of your grades of
Tobacco Powder and find each answers the
purpose and does the work better than any
other article we have ever used.

BASSETT & WASHBURN.

See page 592.

CAMPELLO, MASS.—M. Burton Baker
has erected a good-sized greenhouse near
his residence at the corner of Summer
street and Snell avenue for the cultiva-
tion of violets.



The Johnston Glass Company Hartford City, Ind.

MANUFACTURERS OF

Window Glass,

GROUND AND CHIPPED GLASS.

Long Distance Telephone.

Direct Western Union Wires.

Please mention the American Florist when writing.

The James H. Rice Co. IMPORTERS and JOBBERS GREENHOUSE GLASS

A SPECIALTY.

Window Glass, Paint, Putty, etc.
80-82 Wabash Avenue and 34 to 40 South Water Street, CHICAGO.



GARLAND'S GUTTERS

WILL KEEP SNOW AND ICE OFF
YOUR GLASS.

DES PLAINES, ILL.

SEND FOR CATALOGUE.

A sample of our Gutter is on Exhibition at the Chicago Flower Growers' Market.

GULF CYPRESS GREENHOUSE MATERIAL

HOT-BED SASH, BOILERS, PIPES, FITTINGS,
VENTILATING APPARATUS.

GLASS AT WHOLESALE.

We furnish everything for building. Send
for prices and catalogues.

S. Jacobs & Sons, 1365-1373 Flushing Ave.
BROOKLYN, N. Y.

STENZEL GLASS CO., GREENHOUSE GLASS.

French and American "WHITE ROSE"
Brand.

2 Hudson St.,
NEW YORK.

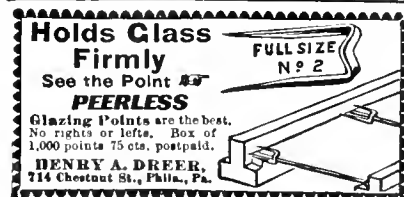
101 Portland St.,
BOSTON.

H. M. HOOKER CO.

Window Glass, Paints and Putty.

Greenhouse Glass a Specialty.

59 W. Randolph St., CHICAGO.



Holds Glass
Firmly

See the Point #3
PEERLESS

Glazing Points are the best.
No rights or lefts. Box of
1,000 points 75 cts. postpaid.
HENRY A. DREER,
114 Chestnut St., Phila., Pa.

GLASS.

GOOD BRANDS.
QUICK SHIPMENTS.
LARGE STOCK.

Warehouse on railroad switch. Be sure
and get our prices.

Sharp, Partridge & Co.

22nd St. and Union Place, CHICAGO.

D. O. Cunningham Glass Co.

PITTSBURG, PA.

TANK WINDOW GLASS.

Hot-House Glass a Specialty.

Sprague Smith Co. PLATE AND WINDOW GLASS

Greenhouse Glass a Specialty.

205 Randolph Street, CHICAGO.

Index to Advertisers.

Advertising rates... 570
 Aitken Mark... 576
 Albany Steam Trap Co... 576
 American Blower Co., IV... 573
 Ambling E. C... 573
 Aschmann Godfrey... 588
 Atlantic Coast Nurs... 580
 Baller F. A... 581
 Bassett & Washburn... 573
 Baumann L. & Co... 592
 Baur Floral Co... 590
 Bayersdorfer H. & Co... 593
 Beaven E. A... 577
 Beckert W. C... 573
 Bentley Coatsworth... 573
 Berckmans P. J. Co... 581
 Berger Bros... 571
 Berning H. G... 572
 Bertermann Bros... 576
 Blaauw J. & Co... 580
 Black Chas... 581
 Boddington A. T... 583
 Bonham F. E... 588
 Boston Letter Co... 594
 Brague L. B... 582
 Brant D. Wood... 573
 Breitmeyer's J. Sons... 576
 Brod John... 590
 Brown Bag Filling Co... 583
 Bruns H. N... 573
 Buckley W. T. Plant Co... 591
 Budlong J. A... 573
 Burpee W. A. & Co... 571
 Burton Jno Assignee... 590
 Byer Bros... 589
 Byer Floral Co... 589
 Caldwell the Woodsman Co... 574
 Calif Carnation Co... 590
 Carmody J. D... 591
 Chadwick Chas... 577
 Chicago Carnation Co... 586
 Chicago House Wrecking Co... 594
 Cleveland Cut Flow Co... 591
 Coles W. V... 591
 Colesburg Pottery Co... 593
 Comey K. H. & Co... 583
 Conard & Jones Co... 584
 Conley Foil Co... 594
 Connell Benj... 589
 Cotonas Geo. & Co... 574
 Cottage Gardens Co... 584
 Cowee W. J... 592
 Craig Wm P... 589
 Crooke John J. Co... 591
 Croke Eli... 577
 Crowl Fern Co... 574
 Cunningham D. O. Glass Co... 595
 Cunningham Jos H... 590
 Davis Bros... 591
 Davis Bros Co... 585
 Deamud J. B... 573
 Detroit Flower Pot Mfg... 593
 Dickinson The A. Co... 571
 Dietrich A. & Co... 571
 Diller Caskey & Co... 571
 Dillon J. L... 590
 Dillon's Mfg Co... 596
 Dornier F. A. Sons Co... 591
 Drake Point Grh'ses... 591
 Dreier H. A... 581
 Dreyer R... 591
 Eaton H. N... 591
 Elliott Wm & Sons... 583
 Emmans Geo M... 590
 Ernest W. H... 593
 Enrich J. S... 575
 Fisher Peter... 571
 Foley Mfg Co... 571
 Ford for sale and rent... 571
 Ford Bros... 575
 Foster Lucius H... 591
 Freeman Jos R... 575
 Gardeners Chronicle... 571
 Gariand Geo M... 595
 Geller Sigmund... 592
 Gormley Wm... 575
 Ghlin & Co... 571
 Globe Eng Co... 594
 Gunther Wm H... 575
 Gurney Heater Co... 596
 Guttman Alex J... 575
 Hail Association... 593
 Hansen Julius... 593
 Hauswirth P. J... 576
 Heacock Jos... 591
 Heller & Co... 571
 Heller Bros... 577
 Herendeen Mfg Co... 577
 Hermitage Carnat Co... 585
 Herr Albert M... 585
 Herrmann A... 592
 Hess & Swoboda... 576
 Hews A. H. & Co... 593
 Hillinger Bros... 593
 Hill The E. G. Co... 571
 Hippard E... 571
 Hitchings & Co... 571
 Holm & Olson... 576
 Holton & Hunkel Co... 572
 Hooker H. M. Co... 595

Boran Edw C... 575
 Hort Advertiser... 571
 Hunt E. H... 573
 Igoe Bros... 592
 Indianapolis Floral Co... 577
 International Flower Delivery... 576
 Jacobs S. & Sons... 595
 Jennings E. B... 571
 Johnson J. W... 591
 Johnston Glass Co... 595
 Kasting W. F... 571
 Keller Geo. & Son... 593
 Keller Pot Co... 593
 Kennicott Bros. Co... 577
 Kervan Co The... 571
 King Construction Co... 571
 Kohr A. F... 593
 Koppelman E. L. & Co... 592
 Koral Mfg Co... 592
 Kramer J. N. Son... 593
 Kreshover L. J... 574
 Kroeschell Bros Co... 596
 Kuehn C. A... 572
 Kuhl G. A... 586
 Lager & Hurrell... 589
 Lang Julius... 575
 Langjahr A. H... 575
 Lehman Bros... 594
 Livingston Seed Co... 592
 Lookland Lumber Co... 571
 Loomis Floral Co... 591
 Lord & Burnham... 571
 Mader Paul... 590
 May John N... 571
 McCarthy N. F. & Co... 574
 McCullough's J. M. Sons Co... 572
 McKellar Chas W... 577
 Menand H. L... 574
 Mette Henry... 583
 Metropolitan Material Co... 595
 Meyer John C. & Co... 592
 Mich Cut Flower Ex... 574
 Millang Chas... 575
 Mills The Florist... 576
 Moller Ludwig... 571
 Moninger J. C. Co... 571
 Mount Fertilizer Co... 592
 Moon The Wm H. Co... 584
 Moore Bentz & Nash... 575
 Mosback Ludwig... 589
 Murchie John... 586
 Murdoch J. B. & Co... 572
 N. Y. Cut Flower Ex... 575
 Nickel Plate R. R... 591
 Niesep Leo Co... 574
 Northern Michigan Evergreen Nursery... 577
 Ocean Park Floral Co... 591
 O'Hagan J. H... 584
 Palmer W. J. & Son... 576
 Park Floral Co... 576
 Peterson Nursery... 580
 Phila Cut Flower Co... 577
 Phila Wholesale Flower Market... 574
 Phillips Mfg Co... 595
 Pierson-Sefton Co... 571
 Pittsburgh Cut Flo Co... 572
 Pittsburgh Florist Ex... 572
 Poehlmann Bros... 574
 Polliworth C. C. Co... 576
 Pritchard J. N... 574
 Quaker City Mach Wk... 595
 Raudall A. L. Co... 573
 Rawson W. W. & Co... 571
 Raynor J. L... 575
 Regan Print House... 594
 Reinberg Geo... 573
 Reinberg Peter... 582
 Renison J. C... 586
 Rice Bros... 577
 Rice James H. Co... 595
 Rice M. & Co... 594
 Robinson H. M. & Co... 574
 Roehrs Julius... 584
 Roiker A. & Sons... 584
 Rossig Bros... 592
 Sander & Sons... 583
 Schillo Adam... 571
 Scott John... 591
 Sharp Partridge & Co... 595
 Sherman Nursery Co... 591
 Sheridan W. F... 575
 Stevers & Boland... 576
 Sinner Bros... 576
 Skidelsky S. S... 586
 Smith Nath & Son... 591
 Smith W. & T. Co... 571
 Smits Jac... 584
 Sprague Smith Co... 595
 Standard Pump & Engine Co... 571
 Stanley & Co... 589
 Stearns Lumber Co... 595
 Steffens Emil... 592
 Steudel Glass Co... 595
 Stern J. & Co... 595
 Stoothoff H. A. & Co... 571
 Styer J. J... 583
 Syracuse Pottery Co... 593
 Thompson J. D. Carnation Co... 571

Thorburn J. M. & Co. 11
 Tobacco Warehouse
 & Trading Co... 592
 Traendly & Schenck... 575
 Van Kleef W. & Sons... 584
 Vaughan's Seed Store... 571
 Vaughan & Sperry... 573
 Vick's Sons Jas... 571
 Walker F. & Co... 591
 Watkins & Simpson... 579
 and colored insert.
 Watson W. H... 586
 Weber F. C... 576
 Weber H. & Sons... 586
 Weeber & Don... 571
 Weiland Peter... 572

Weiland & Risch... 573
 Welch Bros... 574
 Whilldin Pot Co... 593
 Wietor Bros... 572
 Wild Gilbert H... 584
 Winandy M... 573
 Winterson E. F. Co... 582
 Wittbold Geo Co... 576
 590 591
 Wolf John... 572
 Wood Bros... 590
 World's Fair Flower Show... 586
 Wrede H... 583
 Young John... 575
 Young Thos Jr... 575
 Young & Nugent... 575

Janesville, Wis.

E. Amerpohl has all of his greenhouses in splendid condition. During the summer a new boiler was installed to carry his added glass. He reports business good and prospects bright for 1905.
 J. B. O.

IT'S SO CONVENIENT.

Proctor, Vt.
 We find the Fumigating Powder extremely easy and convenient to use and very effectual in destroying of green fly.

LEIGH HUNT.

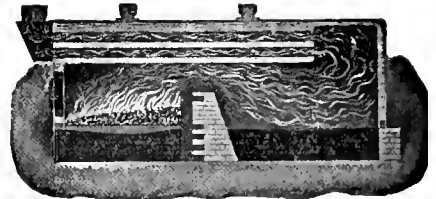
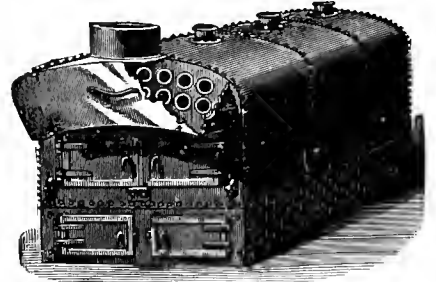
See page 592.

PLEASE mention the AMERICAN FLORIST every time you write to an advertiser.

KROESCHELL BROS. CO.

IMPROVED Greenhouse Boiler,

45 Erie St., CHICAGO.



Boilers made of the best of material, shell, fire-box sheets and heads of steel, water space all around (front, sides and back). Write for information.

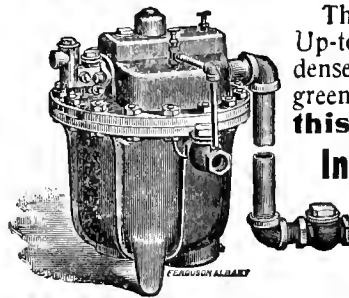
Please mention the American Florist when writing.

Eureka Greenhouses.

The Best and Lowest in Price. All houses erected at the factory and shipped to purchasers with blue prints, photographs and plain directions so that any person can put them up.

DILLON GREENHOUSE MFG. CO., Bloomsburg, Pa.

Steam Traps SAVE COAL



This is the Return Steam Trap used by the Up-to-date Greenhouse men to return the condensed water from the heating coils in their greenhouses. Have been in use for this purpose over 30 years.

Insures an Even Temperature.

Send For Red Catalogue.

Albany Steam Trap Co.

ALBANY, N. Y., U. S. A.

CROP INSURANCE.

Life insurance is valuable because it guarantees the outcome.

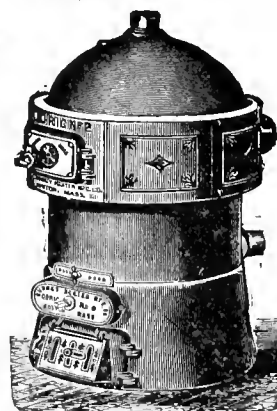
"Gurney" Heaters

"BRIGHT IDEA," "DORIC" and "400 SERIES" do the same thing for your hothouse: THEY GUARANTEE THE CROP. First of all they save 20 per cent on the coal bill and so keep expense at a minimum. Next, they produce an even heat and so do not imperil the life of the plant. Next, they are simple to operate and so require least attention. Lastly, they wear longer than others and thus perceptibly reduce the capital invested. Don't buy or exchange until you've investigated them.

GURNEY HEATER MFG. CO.

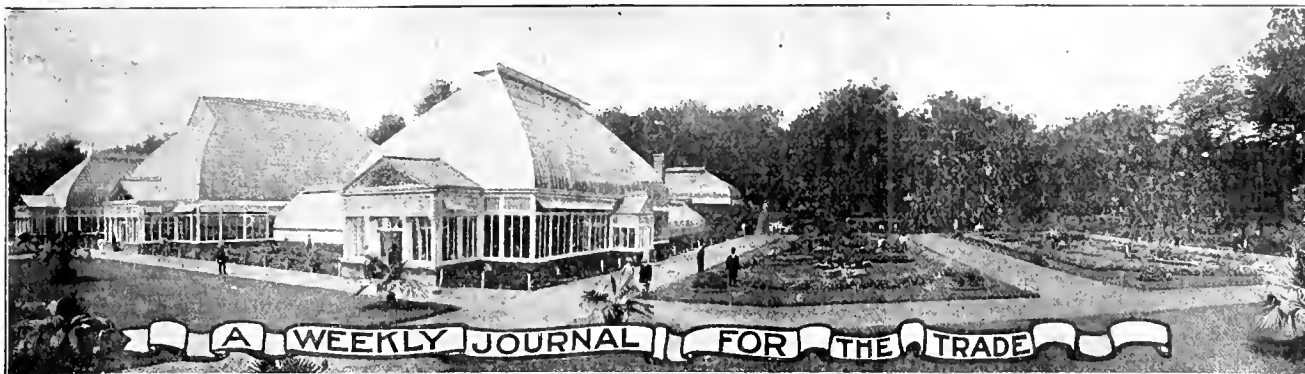
74 Franklin Street,
 BOSTON, MASS.

111 Fifth Avenue,
 NEW YORK CITY.



"DORIC" HEATER.

THE AMERICAN FLORIST



America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."

Vol. XXIII.

CHICAGO AND NEW YORK, NOVEMBER 12, 1904.

No. 858

THE AMERICAN FLORIST

TWENTIETH YEAR.

Copyright 1904, by American Florist Company.
Entered as Second-Class Mail Matter.

PUBLISHED EVERY SATURDAY BY

AMERICAN FLORIST COMPANY,

324 Dearborn St., Chicago.

Eastern Office: 42 W. 28th St., New York.

Subscription, \$1.00 a year. To Europe, \$2.00.
Subscriptions accepted only from the trade.

Volumes half-yearly from August, 1901.

SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—PHILIP BREITMEYER, Detroit, Mich., president; J. J. BENEKE, St. Louis, Mo., vice-president; Wm. J. STEWART, 11 Hamilton Place, Room 11, Boston, Mass., secretary; H. B. BEATTY, Oil City, Pa., treasurer.

OFFICERS-ELECT—J. C. VAUGHAN, president; J. R. FREEMAN, vice-president; secretary and treasurer as before. Twenty-first annual meeting at Washington, D. C., August, 1905.

THE AMERICAN CARNATION SOCIETY.

Annual convention at Chicago, 1905. ALBERT M. HERR, Lancaster, Pa., secretary.

AMERICAN ROSE SOCIETY.

Annual meeting and exhibition, Boston, Mass., 1905. LEONARD BARRON, 136 Liberty St., New York, secretary.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Annual convention and exhibition, November, 1905. FRED H. LEMON, Richmond, Ind., secretary.

THIS ISSUE 44 PAGES WITH COVER.

CONTENTS.

| | |
|------------------------------------------|-----|
| Chrysanthemum Society of America | 597 |
| —The exhibition (illus.) | 598 |
| The exhibitions | 601 |
| —World's Fair flower show (illus.) | 601 |
| —Exhibition at Philadelphia (illus.) | 604 |
| —Exhibition at Tarrytown, N. Y. | 606 |
| —Monmouth Horticultural Society (illus.) | 607 |
| —Exhibition at Joliet | 607 |
| New York | 608 |
| Chicago | 608 |
| Philadelphia | 609 |
| Boston | 609 |
| St. Louis | 609 |
| A baby, N. Y. | 609 |
| American Carnation Society | 610 |
| Society of American Florists | 610 |
| Sw-et pea buds dry off | 610 |
| Primula veris for forcing | 610 |
| British trade tootics | 610 |
| Greenhouse building | 611 |
| The seed trade | 618 |
| Various heating queries | 618 |
| Catalogues received | 618 |
| The nursery trade | 620 |
| Newport, R. I. | 620 |
| Our pastimes | 623 |
| St. Paul | 624 |
| Washington | 626 |
| Los Angeles | 628 |
| Pittsburg | 628 |
| New Orleans | 628 |
| Orange, N. J. | 630 |
| Toronto | 631 |
| Louisville | 634 |
| Kansas City, Mo. | 634 |

Chrysanthemum Society of America.

THIRD ANNUAL CONVENTION, BOSTON, MASS., NOV. 3-5, 1904.

The third annual convention of the Chrysanthemum Society of America assembled in the directors' room of the Massachusetts Horticultural Society in Boston on Friday afternoon, November 4, 1904, and was called to order by President Herrington, there being about fifty members present. In the absence of the secretary, on motion of Mr. Nicholson, Elijah A. Wood was elected secretary pro tem. President Herrington then addressed the members and said that in previous years it had been his custom to prepare an address to deliver before the members of the society, but as there was, in his opinion, so much to be done at this meeting he did not deem it advisable for him to occupy much of the time. He then alluded to the indifference which the horticulturists of the country had shown in the early days of the society and its slow growth in its early history until, in fact, the Chicago Historical Society had invited it to come to Chicago and hold its first convention and exhibition. The society immediately took up a new life, and last year at New York held its second exhibition and received an invitation to meet the next year in Boston, and was then assembled in the room of the Massachusetts Horticultural Society. The exhibition in the halls below spoke for itself. He felt very much disappointed at the small showing that the members of the society had made in the contests on the tables and floor of the halls, and also in the attendance at the convention of the members who lived at a distance. He said that one of the important matters to come before the meeting was the motion to increase the dues. That the revenue of the society to-day was not adequate to continue the work as it had been done. Some action was necessary. The committee appointed to revise the scale had made its report, which would come up for acceptance, rejection or change, as the members decided. He stated that the committee had made its report some weeks previous to the meeting and the same had been submitted to the executive committee, and that committee had thought it might be best to give the scales a trial before action was taken

on the report, and consequently the society had used the scales this fall. In conclusion he stated that the proceedings of the meeting at New York in 1903 had been printed and that they included a list of all the varieties of chrysanthemums that had been grown in America and that each member should secure one before he left the meeting.

The records of the previous meeting as published in the proceedings was then adopted.

The secretary's report as published in the AMERICAN FLORIST November 5 was read and accepted and the treasurer made his report, which showed a balance of \$485.65 on hand. This report was referred to an auditing committee consisting of Messrs. Nicholson, Duckham and Dailedouze to examine and report later in the session.

The rules and motions which had been passed at the various meetings of the society had been compiled by the executive committee and were then taken up and acted upon and were included in the constitution and by-laws of the society.

The following amendments were then proposed and adopted: To the constitution, that the term of office of the officers of the society begin January 1. To the by-laws, that the president shall have the power to appoint a committee of five members to have local charge of the arrangements for the exhibition each year, the action of said committee to be subject to the approval of the executive committee. The president shall appoint a committee of three to audit the accounts at the annual meetings of the society; that the annual membership fee shall be \$2 for each active member; that the executive committee have power to change or amend at any time rules governing the exhibitions.

The following report of the committee on the revision of the scales was then read:

Mr. President and members of the Chrysanthemum Society of America. Gentlemen:—Your committee to whom was referred the revision of the scales or points for judging novelties begs leave to offer the following report:

After lengthy deliberation and correspondence with many of the leading chrysanthemum growers we recommend the adoption of the following scales.

FOR COMMERCIAL PURPOSES.

| | |
|----------------|----|
| Color..... | 20 |
| Form..... | 15 |
| Fullness..... | 10 |
| Stem..... | 15 |
| Foliage..... | 15 |
| Substance..... | 15 |
| Size..... | 10 |

Total..... 100

FOR EXHIBITION PURPOSES.

| | |
|---------------|----|
| Color..... | 10 |
| Stem..... | 5 |
| Foliage..... | 5 |
| Fullness..... | 15 |
| Form..... | 15 |
| Depth..... | 15 |
| Size..... | 35 |

Total..... 100

Your committee have found that it is the consensus of opinion of all the growers that a good commercial variety must be a well balanced bloom in all the essential parts, and have endeavored to arrange the scale so that a variety being exceedingly strong in one or two parts and weak in the balance could not score the necessary number of points and have not given any one requisite a large number of points. But all agree that in an exhibition bloom the bloom itself is the one thing to be judged, and that the size is the principal factor and have so arranged the scale to bring this out as the prominent feature.

We further recommend that the various committees use the scale in all their judgments, for that is the only way to know whether our scale of points are right or wrong and to dispense justice to the exhibitors. Signed

ELIJAH A. WOOD,
ELMER D. SMITH,
E. G. HILL.

This report, as was expected, caused considerable discussion, Messrs. Totty, Scott, Wheeler and Jenkins taking part and the following scale was proposed by Mr. Wheeler and adopted:

FOR EXHIBITION BLOOMS.

| | |
|---------------|----|
| Color..... | 10 |
| Stem..... | 10 |
| Foliage..... | 10 |
| Fullness..... | 15 |
| Form..... | 15 |
| Depth..... | 15 |
| Size..... | 25 |

Total..... 100

The commercial scale as reported by the committee was adopted and the report accepted.

The auditing committee then reported that it had examined the treasurer's report and vouchers and found them correct. The report was adopted and the committee discharged and the treasurer's report adopted.

Invitations for the next meeting were read by the secretary from the Pennsylvania Horticultural Society, the Indiana Floral Festival Association and the New York Institute to hold the convention of 1905 in Philadelphia, Indianapolis and New York respectively, and on motion of Mr. Totty Philadelphia was selected as the next place of meeting.

Mr. Laurie then moved that a vote of thanks be sent to the donors of the special prizes at the exhibition now being held, which was carried.

The secretary then read a letter from President Pettigrew of the Boston Gardeners' and Florists' Club inviting the members to a banquet to be held at the Copley Square Hotel that evening.

The society then passed a vote of thanks to W. Wells & Company, Earlswood, Surrey, England, for the interest they had shown in making the exhibit they had sent to Boston.

The election of officers for the ensuing year being the next order of business Mr. Dailledouze nominated William H. Duckham, of Madison, N. J., for president. There being no further nominations the secretary was empowered to cast one vote for Mr. Duckham, which was done and Mr. Duckham was declared elected. Upon being called upon, in a few well chosen words he accepted the office.

Mr. Riggs then nominated James

Wheeler for vice-president, and a like course was pursued and Mr. Wheeler responded.

John N. May was then nominated and elected to succeed himself as treasurer.

There being two nominations for secretary, Fred H. Lemon and A. J. Loveless, the society proceeded to ballot. Messrs. Wheeler and Fisher were appointed tellers and they reported as the result of the ballot Fred H. Lemon had seventeen and A. J. Loveless seven votes, and Mr. Lemon was declared elected.

Remarks were then made by Messrs. W. N. Craig, James Wheeler and Robert Laurie in regard to the endeavoring to increase the membership of the society. A vote of thanks having been passed to President Herrington the meeting then adjourned.

The meeting throughout showed an enthusiasm and interest that was pleasing to all, and every one felt that the society was now on a footing where it could continue the work that it had so well started, and its membership was increased by twenty-two members.

The members of the society attending the convention were tendered a banquet Friday evening at the Copley Square hotel by the allied horticultural institutes of Boston, consisting of the Massachusetts Horticultural Society, the Boston Gardeners' and Florists' Club and the Boston Co-Operative Flower Market. At 7 o'clock about seventy-five, including ladies, sat down to the table in the dining hall of the hotel, which had been beautifully decorated by the committee in charge with large vases of chrysanthemums, roses and carnations, and partook of a most sumptuous dinner. The committee deserves much praise for the way the affair passed off. After coffee and cigars were served President Pettigrew rapped for order and in a few remarks presented President Herrington. The latter thanked the Bostonians for the courtesies which had been extended to the society of which he was the head, and said that he deeply regretted that a larger number had not attended the convention. The president then appointed Judge Hoitt, of Nashua, N. H., as toastmaster of the evening, and that gentleman, in his more than usual happy manner, filled the position to the satisfaction of all.

Among the speakers called upon were Jerome Jones, John N. May, F. R. Pier-son, J. K. L. M. Farquhar, W. J. Stewart, James Morton and J. F. Shea. Jackson Dawson, Alexander Wallace and Elijah A. Wood sang and W. N. Craig gave a recitation. It proved to be a most enjoyable occasion and lasted until the guests from New York had to leave to take the train.

The Exhibition.

The annual chrysanthemum show of the Massachusetts Horticultural Society, in conjunction with the exhibition of the Chrysanthemum Society of America, was held in the halls of the former society at Boston November 3 to 7, inclusive, and was pronounced by all who had the pleasure of attending the best exhibition ever held in this city.

Where exhibitions are held year after year and the prize schedules annually contain the same classes it is very difficult to inaugurate changes that give the halls a different aspect, but the committee of arrangement of the Massachusetts society under the direction of its able chairman, John K. L. M. Farquhar, deserves unstinted praise for arduous labors in making the exhibition one of the most artistic that this city has ever seen. The heavy brick walls of the main hall, which have always been considered so unsuitable a background for the graceful plants and blooms, were heavily festooned with boughs of evergreens interspersed with autumn foliage, and these not only served as a very handsome setting to the beautiful plants and groups of palms, but also filled the halls with their pleasing, spicy odor. The placing of the vases of cut blooms on low tables in the lecture halls was a decided improvement upon the higher tables that carried the blooms far above the eye, which had been in vogue in former years, and the small exhibition hall, where the carnations were shown, was draped with a dark green paper, which was much more pleasing to the eye than the face brick, formerly so prominent behind the tables.

The plants exhibited were fully up to the standard of those so many times admired at the exhibitions of the society, and in fact much better, for never before have we seen four competitors at an ex-



PRIZEWINNING CHRYSANTHEMUMS AT BOSTON EXHIBITION, NOV. 3-5, 1904.

(Arthur Herrington's Vase of Chelton in Center.)



GENERAL VIEW OF EXHIBITION AT BOSTON, NOVEMBER 3-5, 1904.

bhibition stage plants that so closely vied with one another as those that were shown in the main hall. While those exhibited by Herbert Dumaresq, William Anderson gardener, were conceded to be a shade the better, yet those of C. C. Converse and Mrs. Leslie Leland, D. F. Roy, gardener, were a close second, and both of these growers were in some classes obliged to take second and third places to the other two, E. W. Converse, Robert Marshall, gardener, and Jason S. Bailey, John Niland, gardener. Messrs. Anderson and Roy were awarded first-class certificates for superior cultivation.

In the cut bloom classes it will be noticed, in scanning the list of prize winners that follow, that many of the names of those that in former years have been prominent and have added so much glory to these exhibitions are missing, but the advent of the Chrysanthemum Society of America proved a magnet that attracted some new faces and names that filled their places and covered the tables with blooms that were a great credit to their exhibitors. The prizes offered by the Chrysanthemum Society of America brought blooms that in the opinion of all were never before equaled here, for the blooms staged by D. Willis James, William Duckham, gardener, were conceded to be superior to any that were ever staged here before. In the competition for the society's prizes E. A. Clark, W. A. Riggs, gardener, succeeded in capturing first prizes in all the classes that he exhibited with one exception, but he was closely pushed by the P. W. Moen estate, of Shrewsbury, H. A. Abrahms, gardener; M. F. Plant, of Groton, Conn., Thomas

W. Head, superintendent; Thomas Doliber, Michael Byrne, gardener, and others.

The special prizes offered by the Massachusetts Horticultural Society for fifty blooms of chrysanthemums shown in the society's large vases was a great feature of the exhibition and materially added to the artistic effect of the halls. For the prizes offered by the Gardeners' and Florists' Club of Boston for the best twelve blooms of the current season's introduction the first was won by H. McK. Twombly, of Madison, N. J., A. Herrington, gardener, with a magnificent vase of Cheltoni, E. A. Clark second.

The table that probably attracted the most attention among the chrysanthemum growers was an exhibit staged by Charles H. Totty, of Madison, N. J., for W. Wells & Company, Earlswood, Surrey, England, which consisted of thirty-two blooms of undisminated chrysanthemum seedlings. These blooms were exhibited before the Royal Horticultural Society in London October 19, where they were awarded the first premium, a gold medal, and then packed and shipped to Boston. They arrived in beautiful condition and certainly were able to be placed beside the much fresher ones cut within a few days on this side of the Atlantic. This set included the varieties that the firm will place on the market the coming year and others that will appear later. They were awarded the Massachusetts Horticultural Society's gold medal. The varieties particularly noted were:

Mrs. G. Heaume, an immense bloom of a buff shade, with long, narrow petals, incurving and twisting; a decided acquisition to the exhibition table.

Mrs. William Duckham, a lovely deep yellow of the Japanese incurved type, a worthy rival of Cheltoni.

Mrs. Knox, a bright, dark red, with silver reverse.

Merstham Yellow, twisted petals full and deep.

Mrs. D. W. James, red golden, reverse, large and deep.

Mrs. E. J. Dunne, a soft pink Japanese reflexed.

Mrs. J. A. Miller, a large terra cotta.

Merstham Crimson, a very dark crimson, the petals reflexing at the tips and showing very little of the reverse Japanese type.

Souvenir de Mme. Buron, bright yellow, large, broad petals, a large incurved Japanese; this bloom was not fully matured.

J. A. Doyle, an immense terra cotta.

Mrs. Alex McKinley, golden yellow.

Old Gold, a most pleasing color, especially under electric light, not so large as some, but it looks like a valuable acquisition.

In the competition for the prizes offered by and through the Chrysanthemum Society of America the entries were few in each, and there was very much disappointment expressed on all sides that the growers of the western and middle states did not compete, as they did last year in New York. But what was missed in quantity was made up for in quality, for William Duckham's blooms were unexcelled and he easily won all the firsts. In the W. Wells & Company's prize he exhibited Cheltoni, F. A. Cobbold, Wm. Duckham, Mary Inglis, Leila Filkins and Maynell. M. F. Plant took second and

third. The prizes were gold, silver gilt and silver medals.

For the Chas. H. Totty prize for twelve blooms of Chrysanthemum Wm. Duckham: Wm. Duckham, first; M. F. Plant, second.

For the A. Herrington prize, 6 blooms, any chrysanthemum: Wm. Duckham, first, with Merza; M. F. Plant, second.

The C. S. A. prize for twenty-four blooms, twenty-four varieties, brought

A. Jahn, for Wild Rose and an unnamed seedling, and George B. Anderson, for a scarlet.

An exhibit that was sought by all and greatly admired by all the ladies was a beautiful vase of the new seedling rose, The Wellesley, staged by the Waban Rose Conservatories. Although heralded before, yet this was the first time it had been placed on the exhibition table, and it certainly received merited attention.



JOHN L. GARDNER'S CHRYSANTHEMUM PLANTS AT BOSTON EXHIBITION.

out the best competition of all. Wm. Duckham was first, P. W. Moen estate second, M. F. Plant third.

For the E. G. Hill trophy: Wm. Duckham, first.

For the C. S. A. silver cup for ten blooms, any variety: Wm. Duckham took first with an exceptionally fine rose of Mrs. William Duckham; M. F. Plant second, with Nellie Pockett.

The special prizes offered for carnations brought forth an exhibition of beautiful flowers that would have been a great credit much later in the season, when one expects to see the divine flower at its best. While the prizes themselves were not competed for by many, yet they succeeded in drawing a large showing of the novelties that are soon to be placed upon the market. The vase of white shown by Peter Fisher that captured the Nicholson prize for the best vase of 100 white carnations attracted a great deal of attention. It was a beautiful unnamed seedling, No. 411, and will be certainly heard from later. William Nicholson took the Patten prize with a magnificent vase of Mrs. M. A. Patten, and Patten & Company were awarded the Fisher prize with a handsome vase of Nelson Fisher. Other exhibitors were Backer & Company, H. A. Stevens Company and the J. D. Thompson Carnation Company. In the seedlings Guttman & Weber showed a magnificent vase of Victory, which was greatly admired and favorably commented on by all. The Cottage Gardens exhibited a splendid vase of Robert Craig on the second day which rivalled Victory. Both were awarded a first-class certificate. Honorable mention was awarded to the following: J. D. Thompson Carnation Company, for Gibson Beauty; S. J. Goddard, Framingham, Mass., for a light pink; Peter Fisher, for a very dark crimson; Patten & Company, for pink sport of Mrs. M. A. Patten; H.

It is a beautiful pink, somewhat resembling La France in shade, but not having the faded reverse that well-known variety so often presents. Unlike La France, however, the bud is long and beautifully formed like the tea family, and is borne on long, stiff stems clothed with dark green foliage. It was awarded the society's first-class certificate. This firm exhibited also a beautiful vase of American Beauty roses. John Cook, of Baltimore, sent on a vase of an unnamed white seedling rose.

Sander & Son, St. Albans, England, exhibited a vase of a novelty, Nicotiana Sanderi. It is of a magenta shade and

certainly an addition in this family. It was awarded the society's silver medal.

The display of orchids was unusually large and beautiful and filled the table on one side and end of the small hall. The F. L. Ames estate, W. P. Craig gardener, was awarded first prize; Col. Charles Pfaff, James Melvin gardener, second prize, and Edward McMulkin third prize. Lager & Hurrell arranged a beautiful table of orchids in variety, which the committee awarded a gratuity. In the main hall Edward McMulkin made a most artistic display of Cattleya labiata and Adiantum Farleyense, interspersed with palms and other decorative plants, which was greatly admired and awarded a substantial gratuity.

R. & J. Farquhar materially added to the decorative effect of the halls with an extensive display of palms and decorative plants at the end of the large hall, forming a beautiful screen for the orchestra that rendered pleasing numbers throughout the evenings and on Sunday afternoon, and in the lecture hall they decorated the stage with a group of palms and exceedingly well grown pots of Begonia Gloire de Lorraine. They also made an exhibit of a collection of chrysanthemums from Japan that was was awarded honorable mention.

The nephrolepis was well represented by its sports. John Scott made an extensive display of Nephrolepis Scottii in the loggia, receiving the society's silver medal, and F. R. Pierson & Company showed Nephrolepis Piersoni compacta. Another sport was shown by A. M. Davenport, of Watertown, that was awarded honorable mention.

Other exhibits were: By Cornelius Vanderbilt, Amaryllis Belladonna and gardenias; Mrs. E. M. Gill, chrysanthemums; J. B. Shurtleff, pansies, and T. Devoy & Son, Poughkeepsie, N. Y., a new geranium, Telegraph. Following are the awards:

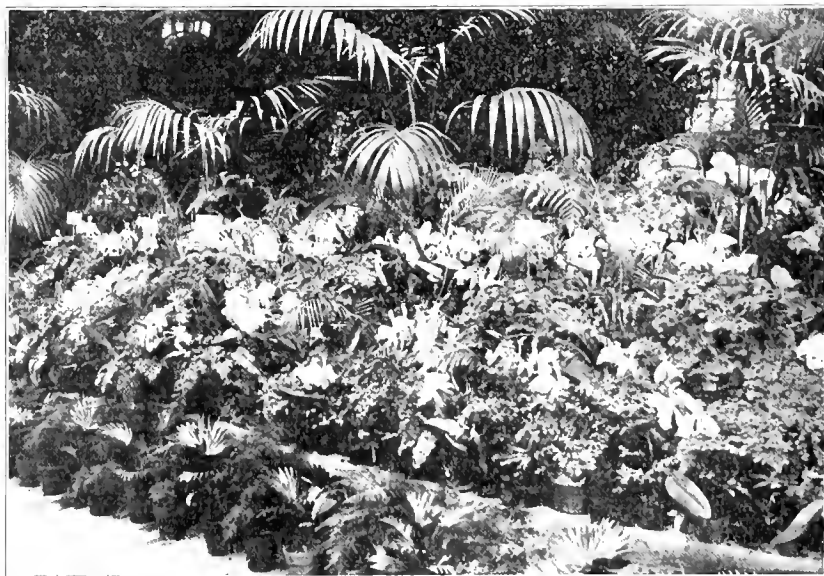
Display of eight named plants in not over 12-inch pots, any or all classes, distinct varieties: First, Herbert Dumaresq; second, Mrs. C. C. Converse and Mrs. Leslie Leland; third, J. S. Bailey.

Three Japanese Incurred: First, E. W. Converse; second, Mrs. C. C. Converse, and Mrs. Leslie Leland; third, J. S. Bailey.

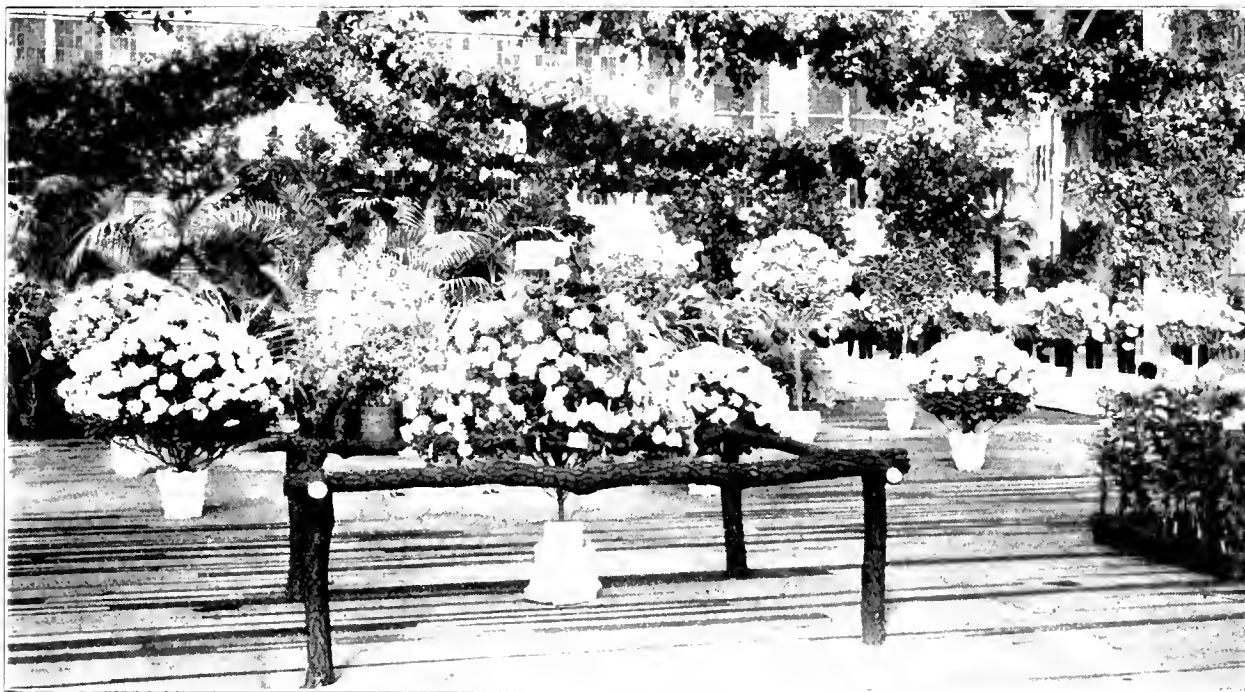
Three Reflexed: First, Mrs. C. C. Converse and Mrs. Leslie Leland; third, E. W. Converse.

Two Anemone Flowered: First, Mrs. C. C. Converse and Mrs. Leslie Leland; second, same.

Specimen Japanese Incurred: First, E. W. Converse; second, Herbert Dumaresq; third, same.



E. McMULKEN'S DISPLAY OF ORCHIDS AT BOSTON EXHIBITION.



GRAFTED CHRYSANTHEMUM PLANT, SHOWN BY VAUGHAN'S SEED STORE, AT WORLD'S FAIR SHOW.
(The central plant carries 34 varieties.)

Specimen reflexed: First, Herbert Dumaresq; second, E. W. Converse; third, same.

Specimen pompon: First, E. W. Converse; second, H. Dumaresq; third, Mrs. C. C. Converse and Mrs. Leslie Leland.

Specimen plant of any variety not included in above classes: First, Mrs. C. C. Converse and Mrs. Leslie Leland.

Twelve plants of twelve different varieties grown to one stem and bloom in not over 6-inch pots, preference being given to plants not more than three feet in height: First, James Nicol; second, Mrs. C. C. Converse and Mrs. Leslie Leland.

Group of chrysanthemum plants arranged for artistic decorative effects: First, Mrs. J. L. Gardner; second, Mrs. C. C. Converse and Mrs. Leslie Leland; third, E. A. Clark.

Representative collection of classes labeled in accordance with the classification of the Chrysanthemum Society of America: First, Mrs. C. C. Converse and Mrs. Leslie Leland.

Twenty-five blooms of twenty-five distinct varieties named: First, E. A. Clark; second, P. W. Moen estate; third, Thomas Doliber.

Six vases of six named varieties: First, Thomas Doliber.

Six best specimen blooms of Mrs. Jerome Jones Henry A. Gane memorial fund: First, James Nicol; second, Arthur F. Whittin.

Twelve blooms, incurved, named in vases: First, Mrs. C. C. Converse and Mrs. Leslie Leland.

Twelve blooms, Japanese: First, Peter B. Robb; second, P. W. Moen estate.

Twelve blooms, Japanese incurved: First, Mrs. C. C. Converse and Mrs. Leslie Leland; second, Peter B. Robb; third, M. F. Plant.

Twelve blooms, reflexed: First, Mrs. C. C. Converse and Mrs. Leslie Leland.

Twelve blooms, anemone: First, Mrs. C. C. Converse and Mrs. Leslie Leland.

Twelve sprays pompons distinct: First, Mrs. C. C. Converse and Mrs. Leslie Leland; second, Peter B. Robb.

Six best varieties, named, introductions of the current year: First, Peter B. Robb.

Vase of ten blooms on long stems, pink: First, M. F. Plant; second, Eben D. Jordan; third, Thomas Doliber.

Vase of ten blooms on long stems, red: First, Mrs. M. W. Peirce.

Vase of ten blooms on long stems, white: First, E. A. Clark; second, George W. Knowlton; third, Thomas Doliber.

Vase of ten blooms on long stems, yellow: First, Thomas Doliber; second, George W. Knowlton; third, H. McK. Twombly.

Vase of ten blooms on long stems, any other color: First, Arthur F. Whittin; second, E. A. Clark; third, Herbert Dumaresq.

Special prize for best fifty blooms to be shown in the society's large China vases: First, E. A. Clark; second, Herbert Dumaresq; third, Thomas Doliber; fourth, M. F. Plant; fifth, Eben D. Jordan.

THE EXHIBITIONS.

World's Fair Flower Show.

The World's Fair exhibition was the greatest flower show ever held in the United States. The exhibits were grand, the competition close and the attendance large. Nothing like the crowds that attended the show had been seen in the Horticulture building at the fair before.

The attendance of members of the trade was also large. From all parts of the country they came and brought their finest flowers and plants to vie for the awards. Manager Phil Hauswirth had a most severe task in caring for and arranging the immense amount of stock rushed to him within the last few hours. But he coped with the problem successfully and won praise by his skillful arrangement. All agreed that the exhibits could not have been disposed of to better advantage, although they taxed the capacity of the largest greenhouse available.

The liberal manner in which the officials of the World's Fair co-operated with the florists added much to the success of the show. Chief Taylor deserves special thanks for his efforts.

The show was opened on Monday in the Horticulture building of the World's Fair by an address by President Francis of the exposition. It continued until Saturday at 10 p. m. On Thursday afternoon there was a meeting of the St. Louis Florists' Club and a conference of horticulturists under the auspices of the exposition.

The executive committee of the World's Fair Flower Show Association met Sunday, November 6, at 10:30 a. m. in Superintendent Hadkinson's room at the fair grounds. All the members were present except E. G. Hill. There were also present Messrs. Koenig and Meinhardt of the local committee. The auditor reported a statement of financial matters to date, showing net liabilities

at about \$1,100 and the principal expenses of the show provided for. Treasurer Rudd reported liberal responses to the first assessment. The entry books were begun on at once and the work pushed through all day to completion. Monday morning found most of the committee and some of the exhibitors at work before daylight, and by 10 o'clock the show began to take on form. From this time on the attendance increased rapidly, and when the show was formally opened by President Francis at 2:30 the displays were well in order throughout the conservatory. Entries were arranged at both the east and west doors, and the souvenir flowers were distributed in the northwest corner. Postals, posters and programmes were for sale in the officers' headquarters at the northeast corner of the building, where the visitors' register was also kept. Most of the 5,000 souvenir carnations were distributed the first day.

Tuesday's Awards.

CHRYSANTHEMUMS.

The following awards for chrysanthemums were made Tuesday:

Best twenty-five blooms, one variety, white—first, \$20, E. G. Hill Company, Richmond, Ind., with Timothy Eaton; second, \$15, H. W. Buckbee, Rockford, Ill., with Convention Hall; third, \$10, N. Smith & Son, Adrian, Mich., with Mrs. Nathan Smith.

Best twenty-five blooms, light yellow—first, \$30, E. G. Hill Company, with Chelton; second, \$15, Bassett & Washburn, Hinsdale, Ill., with Yellow Eaton; third, \$10, H. W. Buckbee, with Percy Plumridge.

Best twenty-five blooms, one variety, deep yellow—first, \$20, W. J. & M. S. Vesey, Fort Wayne, with Col. Appleton; second, \$15, H. W. Buckbee, with Mrs. E. Thirkell; third, \$10, Bassett & Washburn, with Appleton.

Best twenty-five blooms, one variety,

light pink—first, E. G. Hill Company, with Dr. Enguehard; second, \$15, B. K. & B. Floral Company, Richmond, Ind., with Wm. Duckham; third, \$10, H. W. Buckbee, with Wm. Duckham.

Best twenty-five blooms, one variety, deep pink—first, John Breitmeyer's Sons, Detroit, Mich., with Palfour; second, \$15, H. W. Buckbee, with Balfour; third, \$10, N. Smith & Son, with Viviani-Morel.

Best twenty-five blooms, one variety, red—first, \$20, H. W. Buckbee, with Thos. Humphreys; second, no award; third, \$10, Gunnar Teilmann, Marion, Ind., with Intensity.

Best twenty-five blooms of one variety, bronze—no first; second, H. W. Buckbee, with Don McLeod.

Best twenty-five blooms, one variety, any other color—first, H. W. Buckbee; no second or third.

Best thirty-six blooms, three vases of 12 blooms each, three colors—first, \$30, W. J. & M. S. Vesey, Fort Wayne, Ind.; with Eaton, Enguehard and Golden Wedding; second, \$20, E. G. Hill Company, with Lord Hopetoun, Gen. Hutton and Lily Mountford; third, \$10, W. H. Buckbee.

Best six blooms, one variety, white—first, \$6, Gunnar Teilmann, with Merza; second, \$4, N. Smith & Son, with Mrs. N. Smith; third, \$2, H. W. Buckbee.

Best six blooms, one variety, light yellow—first, \$6, Gunnar Teilmann, with Timothy Eaton; second, \$4, H. W. Buckbee; third, \$2, N. Smith & Son.

Best six blooms, one variety, deep yellow—first, \$6, H. W. Buckbee, with Appleton; second, \$4, N. Smith & Son, with Appleton; third, \$2, W. J. & M. S. Vesey, with Appleton.

Best six blooms, one variety, light pink—first, \$6, H. W. Buckbee, with Wm. Duckham; second, \$4, Gunnar Teilmann, with Dr. Enguehard; third, \$2, B. K. & B. Floral Company, with Wm. Duckham.

Best six blooms, one variety, deep pink—first, \$6, H. W. Buckbee, with Col. Baden-Powell; second, \$4, W. J. & M. S. Vesey, with A. J. Balfour; third, \$2, N. Smith & Son, with Viviani-Morel.

Best six blooms, one variety, red—first, \$6, N. Smith & Son, with H. Barnes; second, E. G. Hill Company; third, Gunnar Teilmann.

Best six blooms, one variety, bronze—first, \$6, H. W. Buckbee, no other awards.

Best six blooms, one variety, any other color—No first; second, W. J. & M. S. Vesey; third, \$2, H. W. Buckbee.

Best twenty-five blooms, twenty-five varieties—first, \$25, H. W. Buckbee; second, \$15, E. G. Hill Company; third, \$10, John Breitmeyer's Sons.

Best twelve blooms, twelve varieties—first, \$12, E. G. Hill Company; second, \$8, H. W. Buckbee; third, \$5, N. Smith & Son.

Best collection, not less than fifty varieties, shown on moss—first, \$50, N. Smith & Son; second, \$35, H. W. Buckbee; third, \$20, E. G. Hill Co.

The same, twenty-five varieties—first, \$25, E. G. Hill Company; second, \$15, Nathan Smith & Son; third, \$10, H. W. Buckbee.

Same twelve varieties—first, \$12, E. G. Hill Company; second, \$8, H. W. Buckbee; third, \$5, W. A. Chalfant, Springfield, Mo.

Best 100 blooms, one variety, white—first, \$75, John Breitmeyer's Sons, with Majestic; second, \$50, E. G. Hill Company, with Mrs. Buckbee; third, \$25, Bassett & Washburn, with Eaton.

Best 100 blooms, one variety, yellow—first, \$75, E. G. Hill Company, with Timothy Eaton, second and third, B. K. & B. Floral Company, with Timothy Eaton; second and third, H. W. Buckbee, with Appleton.

Best 100 blooms, one variety, pink—first, \$75, W. J. & M. S. Vesey, with Viviani-Morel; second, \$50, H. W. Buckbee, with Duckham; third, \$25, Gunnar Teilmann, with Duckham.

Best collection cut sprays, pompon varieties—first, \$35, N. Smith & Son; second, \$25, E. G. Hill Company.

Best collection of oddities—first, \$25, E. G. Hill Company; second, \$15, N. Smith & Son.

Best one specimen plant, white—first, \$25, Vaughan's Seed Store, with Mutual Friend; second, H. W. Buckbee, Mrs. Buckbee.

Best one specimen plant, yellow—first, \$25, Vaughan's Seed Store, with F. S. Vallis; second, \$15, H. W. Buckbee, with C. J. Salter.

Best one specimen plant, pink—first, \$25, Vaughan's Seed Store, with Wm. Duckham; second, \$15, H. W. Buckbee, with Leila Filkins.

Best specimen plant, any other color—first, \$25, Vaughan's Seed Store, with W. A. Etherington; second, \$15, H. W. Buckbee, with Mrs. T. Longley.

Best one specimen plant, single—first, \$25, Vaughan's Seed Store, with Golden Chain: the plant has 10,000 flowers.

Best three standards—first, \$75, Vaughan's Seed Store; second, \$50, H. W. Buckbee.

Best three standards, not less than 24-inch stem—first, \$50, Vaughan's Seed Store; second, \$35, H. W. Buckbee.

Best twenty-five plants grown to a single stem—first, H. W. Buckbee; second, \$15, Vaughan's Seed Store.

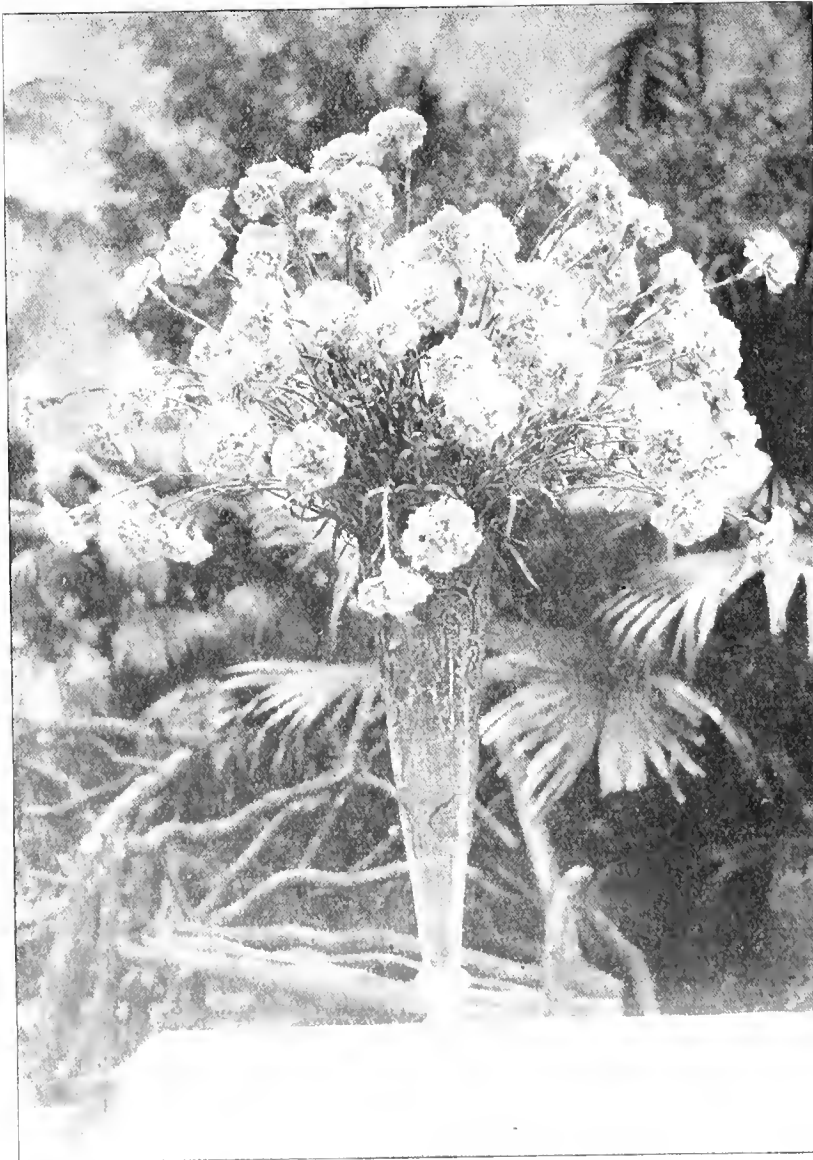
Best group of chrysanthemums arranged for effect—first, \$35, Missouri Botanical Garden, St. Louis; second, \$25, Imperial Japanese government.

Best grafted specimen plant—first, \$25, Vaughan's Seed Store, with a plant having thirty-four varieties grafted on one stem.

ROSES.

The following were the awards made on roses, Tuesday, the judges being Paul Dailedouze, Flatbush, N. Y., Arthur Herrington, Madison, N. J., and William Duckham, Madison, N. J.

Best 100 American Beauty—first, \$100,



CHICAGO CARNATION COMPANY'S CARNATION FIANCEE.

(Awarded first prize for best fifty of any variety at World's Fair exhibition.)



VIEW SHOWING CHRYSANTHEMUM EXHIBITS AT WORLD'S FAIR EXHIBITION.

(Large vase of William Duckham in foreground.)

Poehlmann Brothers Company, Chicago, second, \$75, Peter Reinberg, Chicago; third, \$50, Bassett & Washburn; fourth, \$55, Benthley-Coatsworth Company, Chicago.

Best 100 Liberty—first, \$40, Bassett & Washburn; second, \$30, Peter Reinberg; third, no award.

Best 100 Meteor—first, no award; second, Wietor Brothers, Chicago.

Best 100 Bridesmaid—first, \$40, Poehlmann Brothers Company; second, \$30, Weiland & Risch, Chicago; third, \$20, Benthley-Coatsworth Company.

Best 100 Bride—first, \$40, Poehlmann Brothers Company; second, \$30, Peter Weiland, New Castle, Ind; third, \$20, Bassett & Washburn.

Best 100 Golden Gate or sport—first, \$40, Poehlmann Brothers Company, with Ivory; second \$30, Peter Reinberg, Uncle John.

Best 100 Mme. Abel Chatenay—first, \$40, Bassett & Washburn; second, \$30, Poehlmann Brothers Company; third, \$20, Peter Reinberg.

Best fifty La Detroit—first, \$40, John Breitmeyer's Sons; second, \$30, Bassett & Washburn.

Best collection of roses not less than twenty-five blooms each—first, \$75, Poehlmann Brothers Company; second, \$50, John Breitmeyer's Sons; third, \$35, Peter Reinberg.

MISCELLANEOUS.

Best collection of cut orchid blooms—no first prize awarded; second \$60, Lager & Hurrell, Summit, N. J.

Best collection of orchid plants in bloom—first, \$100 H. G. Selfridge, Lake Geneva, Wis., Charles Gebhardt, gardener.

Best group of ferns—first, \$75, Vaughan's Seed Store; second, \$50, F. R. Pierson & Company, Tarrytown, N. Y., with the new fern, Tarrytown.

Vaughan's collection comprised the following: *Nephrolepis Bostoniensis*, N. Piersoni, N. Scottii, N. Anna Foster; *Adiantum cuneatum*, A. Farleyense, A. Charlotte, A. concinnum latum, A. Croweanum, *Pteris tremula*, P. argyrea, P. Cretica albo-lineata, P. umbrosa; *Cibotium Schiedeii*.

Best collection of palms and araucarias—first, \$50, Schray & Sons; second, \$35, the Lewis Publishing Company, St. Louis, C. DeWever, gardener; third, C. Young & Company, St. Louis.

Best group of araucarias—first, \$30, Vaughan's Seed Store; second, \$20, the Bentzen Floral Company, St. Louis.

Best ten plants Gloire de Lorraine begonias—first, \$25, J. A. Peterson, Cincinnati, O.; second, \$15, A. Jablonsky, St. Louis.

Best group of berried plants—first, \$25, Vaughan's Seed Store, celestial peppers; second, \$15, William Schray & Sons, St. Louis, celestial peppers.

Best hamper of flowering and decorative plants and ferns, accessories allowed—Wm. Schray & Sons and F. C. Weber, St. Louis, divide first and second prizes aggregating \$40.

Wednesday's Awards.

The following awards were made Wednesday:

Best table decoration—first, W. L. Rock, Kansas City; second, F. H. Rowe, Chicago.

Best 100 blooms carnations, White—J. Breitmeyer's Sons, first, with white Lawson; Chicago Carnation Company, second; third, J. D. Thompson Carnation Company.

Best 100 blooms light pink—first, J. Breitmeyer's Sons, with Enchantress; second, Poehlmann Brothers Company; third, Chicago Carnation Company.

Best 100 blooms dark pink—W. J. & M. S. Vesey, first, with Lawson; second, Poehlmann Brothers; third, J. D. Thompson Carnation Company.

Best 100 blooms scarlet—first, J. Breitmeyer's Sons, with Flamingo; second, J. D. Thompson Carnation Company; third, W. J. & M. S. Vesey.

Best 100 blooms crimson—first, Chicago Carnation Company, with Harlowarden; second, J. Breitmeyer's Sons; third, Wietor Brothers.

Best 100 any other—first, W. J. & M. S. Vesey, with Glendale; second, J. D. Thompson Carnation Company.

Best fifty blooms white—first, F. Dörner & Sons with The Belle; second, J. D. Thompson Carnation Company; third, W. J. & M. S. Vesey.

Best fifty blooms, light pink—first, Chicago Carnation Company, with Fiancee; second, J. D. Thompson Carnation Company; third, Poehlmann Brothers Company.

Best fifty blooms dark pink—first, Poehlmann Brothers Company, with Lawson; second, J. D. Thompson Carnation Company; third, J. Breitmeyer's Sons.

Best fifty scarlet—first, no award; second, Peter Weiland, with Estelle; third, J. D. Thompson Carnation Company, with Robert Craig.

Best fifty blooms crimson—first, no award; second, Chicago Carnation Company with Harlowarden; third, Bassett & Washburn.

Best fifty variegated—first, J. D. Thompson Carnation Company; second, W. J. & M. S. Vesey.

Best 100, one variety—first, Chicago Carnation Company, with Fiancee; second, J. D. Thompson Carnation Company, with Robert Craig; third, E. G. Hill Company, with Cardinal.

Best fifty, fifty varieties—first, F. Dorner & Sons.

SPECIAL PRIZES.

Special prizes were awarded to the following: H. G. Selfridge, Chicago, for seedling cattleyas, honorable mention; Vaughan's Seed Store, certificate of merit for Baby Rambler roses; P. Maurique, for group of cacti, special mention; A. G. Greiner, St. Louis, cacti, highly commended; Missouri Botanical Gardens,

J. D. Carmody, Evansville, Ind.
W. A. Chalfant, Springfield, Mo.
H. O. Clendenin and wife, Sparta, Ill.
Eli Cross and wife, Grand Rapids, Mich.
F. Cure, Paris, France.
Chas. Dannacher, Davenport, Ia.
J. B. Deamud, Chicago.
William Dittmann, New Castle, Ind.
W. E. Dixon, Cherryvale, Kans.
F. E. Dorner and wife, La Fayette, Ind.
J. W. Dudley, Parkersburg, W. Va.

L. Oesternei, New York.
C. L. Osborn, Murphysboro, Ill.
C. W. Reimers, Louisville, Ky.
M. Reukaut, Philadelphia, Pa.
W. L. Rock, Kansas City, Mo.
J. W. Ross and wife, Centralia, Ill.
Mrs. Catharine Scharff, Van Wert, O.
H. G. Scharff, Van Wert, Ohio.
Mrs. Scholler, Keokuk, Ia.
Miss Katie Scholler, Keokuk, Ia.
Albin Schreiber, Indianapolis, Ind.
Jacob Schulz, Louisville, Ky.
Henry Smith, Grand Rapids, Mich.
S. F. Stephens, Columbus, Ohio.
O. B. Stevens, Shenandoah, Ia.
Gunnar Teilmann, Marion, Ind.
Edward Treyling, Grand Rapids, Mich.
Geo. Van Horn, Springfield, Ill.
F. Walker, Louisville, Ky.
Peter Weiland, Cincinnati, Ohio.
J. F. Wilcox, Council Bluffs, Ia.
Fred Windmiller, Columbus, Ohio.
David Wirth and wife, Springfield, Ill.



VASE OF CHRYSANTHEMUM MRS. H. W. BUCKBEE, AT WORLD'S FAIR EXHIBITION.

Rhapis flabelliformis, highly commended; J. A. Peterson, Pandanus Veitchii, highly commended.

Shaw medals were awarded to F. R. Pierson Company, Tarrytown, N. Y., for Nephrolepis Pierstoni; to John Scott, Brooklyn, N. Y., for Nephrolepis Scottii; to Vaughan's Seed Store, Baby Rambler rose.

NOTES.

The attendance of the trade visitors was remarkable, as the list in another column will show.

Mr. and Mrs. August Pochlmann received many congratulations on their prize winning roses.

Unfortunately for W. B. Dittman and Peter Weiland, Newcastle, Ind., their exhibits of American Beauty roses were disqualified because of shortage in count.

Thirty-four different varieties of chrysanthemums are grafted on one bush at the fair. How many varieties of graft can be worked on a government department or a city institution?—*St. Louis Post Dispatch*.

Protest was made against award to E. G. Hill Company on Sections 18 and 19, chrysanthemums, and Nathan Smith & Son were disqualified on their entry of twenty-five varieties for which they were given third prize and this award was awarded to W. A. Chalfant, Springfield, Mo.

TRADE VISITORS.

Among those who were in attendance are the following:

Aug. Baumer, Louisville, Ky.
A. C. Beal, Urbana, Ill.
E. Benard, San Diego, Cal.
A. C. Benson, Hinsdale, Ill.
J. Bertermann and daughter, Indianapolis, Ind.
Mr. and Mrs. E. R. Bess, Kansas City, Mo.
Fred Breitmeyer, Detroit, Mich.
Philip Breitmeyer, Detroit, Mich.
S. S. Brennenman, Webb City, Mo.
A. C. Brown, Springfield, Ill.
A. C. & H. H. Canfield, Springfield, Ill.

Mrs. A. E. Easterday, Vandalia, Ill.
B. Eschner, Philadelphia, Pa.
Miss Nellie Goodge, Evansville, Ind.
Miss Ida Gorton, Kinder Rock, Ill.
W. D. Grave, Richmond, Ind.
Alex. Guttman, New York.
W. A. Harkett, Dubuque, Ia.
John Hartje, Indianapolis, Ind.
J. Hartshorne and wife, Joliet, Ill.
W. and O. Heintz, Jacksonville, Ill.
Albert Hey and wife, Springfield, Ill.
Harry Hoffmann, Jacksonville, Ill.
Simon Humfeld and wife, Muncie, Ind.
Mrs. J. R. Johnson, Dallas, Texas.
S. M. Jones, West Grove, Pa.
Geo. M. Kellogg, Pleasant Hill, Mo.
Geo. A. Kuhl and wife, Pekin, Ill.
Fred Lautenschlager, Chicago.
Fred Lemon, Richmond, Ind.
Littig Brothers, Davenport, Ia.
J. C. McIntyre, Fulton, Mo.
F. L. Metcalf, Hopkinsville, Ky.
Miss Belle Miller, Springfield, Ill.

Exhibition at Philadelphia.

The fall exhibition of the Pennsylvania Horticultural Society, which opened in Horticultural hall last Tuesday evening, was a great credit to this time honored society. It is somewhat of a hackneyed expression to say it was the best ever held, but this time we feel it would come very near the truth, as the present display appears to excel in almost all departments. Another thing to its credit is that with the exception of the fine exhibits of orchids and a table of new varieties of chrysanthemums from the west it is essentially a home show, all the other entries being made by its own members. The feature of the exhibition is undoubtedly the large and varied display of cut blooms; these show a perfection that has never been reached before in this city at least. It is not on account of a few remarkable blooms, but the general excellence of all the cut flowers staged that calls for commendation. There were some fifty large vases (umbrella jars) containing from twelve to twenty blooms each that had floor space around and on the steps of the grand staircase. These alone were worth the price of admission, as all the blossoms were extra fine and the judges had a great time awarding the prizes. Looking this display over from the foyer was one of the sights of the show and constantly called forth words of commendation from the visitors.



CHRYSANTHEMUMS ON MOSS, AT WORLD'S FAIR EXHIBITION.

(E. G. Hill Company's exhibit and part of Nathan Smith & Son's.)



VIEW SHOWING VASE OF CHRYSANTHEMUM VIVIAND-MOREL, AT WORLD'S FAIR EXHIBITION.

(Shown by W. J. & M. S. Vesey, Fort Wayne, Ind.)

The different entries of single cut blooms were also noteworthy. F. Ibbotson seemed to be the leader in these classes and secured first prizes for best twelve and twenty-five single blooms. There was scarcely table space to accommodate the large entry list and they had to be crowded together rather more closely than was best for their proper display. Before another season the society should procure another set of horses for the tables as nearly all of them were at least one foot too high. When the flowers reach up to the line of vision only those in the front row are seen and then not perfectly. It costs a great deal of time, energy and considerable outlay otherwise to bring flowers to such perfection as these, and the society should do its utmost to see that everything is arranged for their proper display.

There were several fine collections of pompons mostly displayed in the lower hall. These attracted considerable attention and found plenty of admirers. Next in importance were the many choice exhibits of ferns and foliage plants. These relieved the masses of color in the chrysanthemum flowers as they were arranged at intervals all around the walls of the hall. The largest group was from the Wanamaker collection; on account of the limited space they were too much crowded to show off their individual beauty. Joseph Hurley, gardener for James Paul, staged a magnificent rhaps, probably the largest in this country, for which he received first prize. He was also first for six best palms, all being very choice and rare. John Hobson was first with fifteen decorative plants, the leader among them being a grand plant of *Croton fasciatus*, with brightly colored foliage.

In the foyer were other collections of choice plants in smaller pots. John Thatcher's entries in 6-inch, 8-inch and 10-inch pots, showed special culture and received first in each case. Thomas Long, gardener for G. W. C. Drexel, had his usual fine display of handsome ferns. Two *gleichenias* in the lower foyer were about eleven feet in diameter. Last season the Lord & Burnham Company

erected a house almost exclusively for their accommodation. He received first prize for all his entries. Among the six best were a fine plant about five feet through of *Adiantum hybridum* which originated with John Lee, of Washington, D. C.

The collection of chrysanthemum plants was probably, taken as a whole, the best yet. The Drexel collections of years ago will always stand out, but as years roll on the exhibitors are becoming more critical and the standard is gradually being raised. The hall, with the exception of the wall spaces, was entirely filled with large plants, the majority of which were compact, well-flowered specimens from four to five feet in diameter. There were also numerous entries of single stemmed plants with one flower each which with their large blooms are always much admired. In the center of the hall the Wm. Graham Company made a nice exhibit of chrysanthemums in a sort of garden effect with two sections of rustic fence. There was a large oval bed in the center, rising from which was a rustic open column holding vases of water which were filled with fine flowers of chrysanthemums. This firm also placed at the head of the main stairway a Japanese temple arch, or gateway, wired with electric lights across the top.

At the first landing of the stairway Mr. Robertson's group of very choice zonal geraniums made a beauty spot. He received first prize for these plants. The Wm. H. Moon Company had a large group of evergreens and autumn leaves in the center of the lower foyer. H. A. Dreer displayed some choice bay trees about the outside foyer, and had a pair of the new Imperial bays, one on either side of staircase. A pair of yellow chrysanthemums turned out flat on top and covered with flowers looked as if they might have just arrived from the Mikado's garden so very Japanese did they look. They were exhibited by J. Holland. The variety was Marion Henderson.

There was a perfect wealth of orchids. Julius Roehrs, of Rutherford, N. J., staged some seventy-five plants in varieties in three classes and received three first

prizes as well as first for a very handsome *Cattleya labiata* with thirty-five blooms. Lager & Hurrell were second with an assortment of choice varieties, and also second for single plant with *Cattleya Dowiana*. Lewis Burk also had a nice orchid table with a setting of ferns. Around the foot of the stage H. A. Dreer had a collection of new plants mostly in small specimens that contained many interesting varieties.

We cannot but commend the committee of arrangements for its foresight in the decorations of the hall. Huge bunches of autumn branches were placed at intervals high up on the walls and a dado of wild smilax covered the walls to within a short distance of the floor. This gave a setting to the exhibits that showed through to the best possible advantage and we hope to see this or some other form of decoration a part of each recurring show.

The group of crotons of John Hobson were exceptionally brilliant and well deserved the first honor awarded them. John Fowler was given a silver medal for two plants of *Pandanus Baptistii*, very perfect and well colored specimens, which graced the tops of the posts at the first landing of the main staircase. H. F. Michell made a hit with a mushroom display. It represented a bed in full bearing. The mushrooms were artificial but looked very natural. They were arranged in a bed of peat as if growing; the bed was 4x6 feet and surrounded by mirrors, all enclosed in a black box. A hole about one foot in diameter allowed a view of the bed, the inside being illuminated. Owing to the arrangement of the mirrors the space was magnified as far as the eye could reach, making an optical illusion. On the outside was printed a picture of the "woggle bug," which said that Michell's mushrooms were best. Philip Freund, of the Michell force, originated the idea.

The display of roses and carnations on the second day brought out several new ones that were exhibited here for the first time. Wellesley was the novelty among the roses; it is a fine pink something after the Rose Robert Scott, both in form

and color, although it is a trifle deeper in color. It has a fine long stiff stem, with brilliant, dark colored foliage. John N. May exhibited it for the Waban Rose Conservatories. There were four vases of fifty Beauties which were all exceptionally fine stock. Myers & Samtman John Burton, J. Welsh Young and Joseph Heacock were the exhibitors. Edward Towill had a rose of his fine Liberty. There were also entries in all the popular tea roses.

In the carnations the Cottage Gardens' entries were easily the leaders. The Robert Craig, their new red, seems to be almost in a class by itself, it is so fine. It won out for the best seedling in competition with Fiancee, the first defeat for this fine sort. The Robert Craig is an immense flower borne on a stiff stem, well clothed with foliage. It should be a winner everywhere. The Fiancee entry did not seem to have carried well, although the flowers were fine. A vase of fifty blooms of Phyllis, Mr. Rudd's new light pink, showed up well and received second prize against fifty blooms of the Robert Craig, which easily won first honors.

The Cottage Gardens' roses were very fine flowers. There were twelve varieties. Strafford Flower Farm also had a number of choice popular sorts. Fred Burki, John Murchie's new white carnation exhibited by him was a very pretty flower and is said to be a great producer. John E. Haines, of Bethlehem, staged some good seedlings, and his new red, Red Lawson, of W. J. Palmer & Son, Buffalo, made a good showing. Enchantress was in all the minor collections, which shows its popularity. K.

Exhibition at Tarrytown, N. Y.

The Tarrytown Horticultural Society held another very successful exhibition in the Music Hall, Tarrytown, on November 1, 2 and 3. Since its inception several years ago this society has proved itself to be a leading factor for horticultural advancement. The wealthy residents of the district have responded munificently to the premium fund, and the general public counts this fall show of chrysanthemums as one of the events of the year. This places the gardener on a plane with the philanthropist. He has not sought here his own weal, and his love for the beautiful in nature has appealed to every class in the vicinity as an unselfish devotion and has secured a standing for the society and its members which previous to its creation was un-

thought of. The small entrance fee of 25 cents has made it possible for the masses to attend and they amply embraced the opportunity. Another unique feature followed by this society is the admission of school children free of charge. Invitations are sent to all the schools in the surrounding districts, and a time is given to each to prevent overcrowding. They came in classes, and the pleased looks on the faces of the little tots betokened their approval. It was a treat to behold them and well worth the price of admission alone to see their happy faces. They were given the freedom of the building and they fully took possession of the place. It is also worthy of note that not one delicate blossom was hurt during their visit.

The keenest contest of all was for the F. R. Pierson silver cup for a vase of Dr. Enguehard chrysanthemums. This brought out eight contestants and filled one table. George Middleton, gardener to William Rockefeller, won the trophy. His flowers were not so large as many of the others, but they won out on superior color, foliage and stem.

In the other classes for chrysanthemum blooms also Mr. Middleton was very successful. In the class calling for twenty-five distinct varieties he won with the following: John Pickett, Wm. Duckham, Mrs. Thirkell, Merza, F. A. Cobbold, H. J. Jones, F. S. Vallis, Mme. Deis, T. A. Carrington, Gen. Hutton, Millicent Richardson, Col. D. Appleton, Mrs. Geo. Mileham, C. J. Salter, Timothy Eaton, Goldmine, Lord Salisbury, P. Kay, Mme. Carnot, Kate Broomhead, Mrs. Weeks, Lord Roberts, W. R. Church, G. J. Warren, Leila Filkins. J. Featherstone, gardener to Samuel Untermyer, Greystone, Yonkers, was a close second. He had in his lot fine examples of Ben Wells, Wm. Duckham, Harrison Dick, Maynell, Mrs. Darby and H. Barnes.

In eight distinct, Wm. C. Roberts, gardener to F. Potter, Ossining, won, with a fine lot, among them such varieties as Mary Inglis, Mildred Ware, White and Yellow Eaton, Lord Salisbury and Col. D. Appleton. For the best yellow S. Riddell, gardener to F. A. Constable, Mamaroneck, won with Appleton. The same grower also won the prize for the largest bloom with an immense Mrs. Carnot. He also was first for thirty-six flowers in six varieties. His Carnot and Warren were the largest ever seen here. Wm. C. Roberts had the best pink and crimson chrysanthemums, Leila Filkins and Henry Barnes.

The roses and carnations were not

quite up to the standard of former years.

S. Riddell won the pink (Bridesmaid), white (Bride) and yellow (Perle) classes. James Donald, gardener to Prof. Osborn, Garrison, N. Y., won in the crimson class. T. A. Lee, gardener to M. E. Sands, Ardsley-on-Hudson, won for any other color with Golden Gate. James Ballantyne, gardener to Mrs. Lewis, had the best American Beauty.

Howard Nicols and Mr. Featherstone were the principal exhibitors of plants.

Mr. Featherstone received first prize for a group of foliage plants, also for the best table of decorative plants. In this he excelled H. Nicols, by the lightness of his arrangement. He also was first for a group of chrysanthemums covering 100 square feet, John Henry, gardener to Samuel Goodman, Irvington, was second in this. His flowers were perhaps as good as the first prize lot; the plants were taller and in larger pots. The smaller ones made a neat little group. H. Nicols showed some very fine specimen ferns. He had a *Gonophlebium subarticulatum* standing on a pedestal and the fronds reached the ground, almost ten feet. He also had a large plant of *Adiantum Farleyense*. James Ballantyne's *Adiantums* measured over four feet through.

H. Shave, gardener to Harry C. Graef, had a very large specimen palm, *Rhapis flabelliformis*, but he was beaten according to the judges by a small plant of *Pritchardia grandis* exhibited by Mr. Featherstone, who also won out on table plants.

David McFarlane, gardener to Mrs. Codman, Scarborough, had a plant of *Begonia Gloire de Lorraine* which measured four feet through.

John M. Hunter, Edgewater, N. J., had on exhibition (for which he was awarded a certificate of merit) a unique collection of single-flowered chrysanthemums. They are crosses between a small single flowered variety and some of the ordinary large flowering sorts. They show a great diversity of color and form, and the longer you look at them the more fascinating they become. Mr. Hunter is enthusiastic over his new creation. He claims that the day of the large chrysanthemum will soon be over. Refined taste will not stand for size alone. Reaction will soon set in and he believes hysteresis will be the favorites. His flowers certainly were greatly admired, and no doubt will be heard of again.

John N. May, Summit, N. J., received a certificate of merit for a seedling carnation named Phyllis, a pleasing color of soft pink, good stem and size.

The F. R. Pierson Company had a group of palms, ferns, foliage plants and chrysanthemums which covered 200 square feet. The chrysanthemums were mostly novelties, each arranged in small groups by themselves with a ground work of the foliage plants and edged with *Nephrolepis Scottii*. Several plants of *Nephrolepis Peirsoni compacta* stood out prominently in the group, and this was awarded the society's silver medal for the best plant of recent introduction. A certificate of merit was given for the group.

H. Clif, gardener to O. G. Jennings, Fairfield, Conn., made a neat display of pompon chrysanthemums.

Vaughan's Seed Store was awarded a certificate of merit for a vase of Gibson Beauty carnations, which was received on the second day of the exhibition.

TRAVELER.



GROUP OF CARNATIONS AT WORLD'S FAIR EXHIBITION.



N. BUTTERBACH'S EXHIBIT AT MONMOUTH COUNTY EXHIBITION, NOV. 1-2, 1904.

Monmouth Horticultural Society.

The seventh annual exhibition of the Monmouth County Horticultural Society was held in the town hall at Red Bank, N. J., November 1 and 2. It was artistically and financially the greatest success this society ever had. The blooms were at their best and of immense size. The judges remarked that they were the best blooms they ever judged and as good, they think, as will be staged this year. The large hall was not sufficient to hold all the exhibits, so the audience room downstairs was likewise filled. On the second day some noted visitors were entertained, including State Senator Francis, U. S. Senator Kean and the republican candidate for governor, Mr. Stokes, who was presented with a bouquet. He congratulated the society on the wonderful exhibits and remarked that Red Bank was ahead of any other city in the state of New Jersey. The judges were Chas. Totty, Peter Duff and William Bartholomew.

In groups of chrysanthemums H. McCarron, gardener for W. F. Havemeyer, received first prize, and A. G. Williams, gardener for Selmar Hess, and N. Butterbach, gardener for C. N. Bliss, divided

second. For the best three specimen bush plants, A. G. Williams was first; F. A. Kettel, gardener for James Loeb, second. For one specimen bush plant, H. A. Kettel was first and A. G. Williams second. For the six best specimen bush plants anemone variety, H. A. Kettel was first and G. H. Hale, gardener for E. D. Adams, second.

The other prizes follow:

Group of ornamental foliage plants arranged for effect 100 square feet, N. Butterbach, first; H. A. Kettel, second.

Specimen palm, H. A. Kettel, first; N. Butterbach, second.

Specimen foliage plant not palm, G. H. Hale, first; N. Butterbach, second.

Six single specimen plants suitable for dinner table decorations, not to exceed twenty inches, G. Hale, first; H. Kettel, second.

Six specimen ferns, distinct varieties, A. G. Williams, first; N. Butterbach, second.

One specimen fern, A. G. Williams, first; N. Butterbach, second.

Chrysanthemums, thirty-six blooms, six varieties, Wm. Turner, gardener for M. C. D. Borden, first; G. Hale, second.

Twelve specimen blooms distinct varieties, N. Butterbach, first; A. G. Williams, second.

Six blooms white, yellow, pink and crimson, Wm. Turner, first; G. Hale, second.

Six blooms bronze, G. Hale, first; Mr. Tierney, second.

Six blooms any other color, Wm. Turner, first; G. Hale, second.

Carnot roses, three white and three yellow, G. Hale, first.

Twenty-five blooms arranged for effect, G. Hale, first.

Twelve American Beauty roses, G. Hale, first; N. Butterbach, second.

Twelve Bride, N. Butterbach, first; H. Kettel, second.

Twelve Bridesmaid, Mr. Tierney, first; N. Butterbach, second.

In carnations for the best twelve white Wm. Turner, first; Mr. Tierney, second.

Twelve pink, Wm. Turner, first; Mr. Logan, second.

Twelve crimson, Wm. Turner, first; Mr. Tierney, second.

Twelve any other variety, Logan, first; Tierney, second.

One hundred double violets, George Kuhn, gardener for Dr. E. Parinley, first; Oliver McIntosh, gardener for A. E. Matlaud, second.

One hundred single violets, George Kuhn, first; Wm. Dowlen, second.

For best collection of apples, G. Kuhn, first; O. McIntosh, second.

For the best collection of vegetables, Mr. McCarron, first; Mr. Kuhn, second.

B.

Exhibition at Joliet.

The third annual exhibition of the Joliet Improvement Society was held this week, from Wednesday to Saturday inclusive and proved to be the best show in the society's history. The hall was decorated with autumn leaves and southern smilax, the former being used in great profusion around the sides of the room, making an effective background for the many colored blooms. In a rainbow colored Japanese pagoda decorated with umbrellas, fans, bamboo screens, Japanese lanterns and flowers, tea was served to the visiting ladies during the four days of the show. This was one of the newest features of the event and its popularity will no doubt make it a fixture. There was also a flower booth where blooms could be purchased, presided over each day by a committee.

Wednesday was chrysanthemum day, the principal exhibitors being Nathan Smith & Son, Adrian, Mich.; John Breitmeyer's Sons, Detroit, Mich.; Gunnar Teilmann, Marion, Ind.; Chicago Carnation Company, Joliet, and Vaughan's Greenhouses, Western Springs, Ill., the latter showing standard plants. Roses held the boards on Thursday, the principal exhibitors being Peter Reinberg, Weiland & Risch, Poehlmann Brothers Company and the Chicago Carnation Company. Poehlmann Brothers received first on American Beauty and the award was richly deserved. Peter Reinberg showed his new variety, Uncle John, also Chatenay and Sunrise. Weiland & Risch sent some grand blooms of Bride and Bridesmaid.

Carnations were the feature on Friday, the Chicago Carnation Company capturing the bulk of the awards on exhibits of that firm's specialties. A new scarlet



CHRYSANTHEMUMS AT EXHIBITION OF MONMOUTH COUNTY HORTICULTURAL SOCIETY, RED BANK, N. J.

was shown by the company, which is called Illinois. Another new one was Melody, a sport from Lawson, shown by W. C. Hill, of Streator, Ill. Fiancee, the grand variety owned by the Chicago Carnation Company, was awarded a cut glass vase for the best 100 blooms of any color or variety. W. J. Palmer & Son, of Buffalo, showed their new Red Lawson, which was not entered for competition, however. The other principal exhibitors were J. Breitmeyer's Sons. The J. D. Thompson Carnation Company was not represented, Mr. Thompson being absent in Boston, Mass., where he showed his new scarlet, Robert Craig.

The exhibits in the amateur and miscellaneous plant classes were well filled, the private and amateur growers of Joliet taking an exceptionally spirited interest in the contests. Shaw's Gardens also showed a grand collection of cacti. Models of ideal city lots laid out in miniature were highly commended. The principal exhibitors in this department were Charles Shepard, H. C. Skeels and J. R. Hobbs. They were all good illustrations of the English and American ideas of landscape gardening. The public schools had several exhibits, devoted largely to photographs. Owing to limited space their usual exhibits were curtailed.

Edwin Kanst, of Washington park, Chicago, acted as judge and his decisions in all the classes were faultless. Manager James Hartshorne deserves much credit for the success of the exhibition.

The following are the awards in detail: For forty named varieties of chrysanthemums, Nathan Smith & Son, Adrian, Mich., first; Gunnar Teilmann, Marion, Ind., second; J. Breitmeyer's Sons, Detroit, Mich., third.

Best twelve chrysanthemums, white, Weiland & Risch, Chicago, first.

For best twelve dark pink, and twelve light pink chrysanthemums, Gunnar Teilmann, first. For best twelve dark pink in another class, Chicago Carnation Company, Joliet, first.

For best twelve of any other color, Chicago Carnation Company, first; Weiland & Risch, second; W. C. Hill Floral Company, Streator, Ill., third.

For best twelve anemone, J. Breitmeyer's Sons, first. For best twelve pompon chrysanthemums, Nathan Smith & Son, first, and J. Breitmeyer's Sons, special award.

For best fifty white and best fifty light pink, Chicago Carnation Company, first; J. Breitmeyer's Sons, second. For best dark pink, the latter received first.

For best fifty crimson, Chicago Carnation Company, first, also for yellow; J. Breitmeyer's Sons, second.

For best fifty, any other color, Chicago Carnation Company, first.

For best 100 blooms, any carnation, Chicago Carnation Company, first, with Fiancee.

For best twenty-five American Beauty roses, Poehlmann Brothers Company, Chicago, first; Chicago Carnation Company, second; Peter Reinberg, Chicago, third.

Best Liberty and Golden Gate, Poehlmann Brothers Company, first.

Best Bride, Chicago Carnation Company, first; Poehlmann Brothers, second; Weiland & Risch, third. Best Bridesmaid, Poehlmann Brothers Company, first; Weiland & Risch, second.

Best any other variety, Chicago Carnation Company, first; Poehlmann Brothers Company, second. Robert Klage, Mt. Clemens, Mich., third.

Best display of violets, Eli Cross,

Grand Rapids, Mich., first. Best pansies, Miss Landford, Joliet, first. Best basket cut roses, Chicago Carnation Company, first. Best bride's bouquet, J. Smeley, first.

For best twelve geraniums, Miss Martha McDade, Joliet, first. Collection of cacti, same first. Single cactus, Mrs. P. Benson, Joliet, first.

Best specimen palm, Chicago Carnation Company. For amateurs, Rev. C. P. Foster, Joliet, first.

Best araucarias, Chicago Carnation Company, first. Amateur, Mrs. Bray, Joliet, first.

Best croton, G. W. Chamberlain, first. Best dracena, Chicago Carnation Company first.

Best rubber plant, Mrs. J. Poehlsen, first.

Best Boston fern, Chicago Carnation Company. Amateur, Mrs. Wm. Purdy.

Best Asparagus Sprengeri, Rev. Foster, first. Best Pieroni, Chicago Carnation Company, first.

Best begonia, Mrs. Brown, Joliet, first.

Best hanging basket, Mrs. H. Heintze, Joliet.

Best display stove plants, Chicago Carnation Company.

Best display flowering plants, other than chrysanthemums, Highland Park Greenhouses.

Best ornamental berries or fruits, Vaughan's Seed Store, Chicago, first.

Best specimen chrysanthemum white, yellow, pink and red, Vaughan's Seed Store, first; H. W. Buckbee, Rockford, Ill., second.

Special prizes of \$10 each were awarded to Chas. W. Shepard, Joliet, for ornamental landscape gardening model and Homer C. Skeels, for naturalistic gardening model. Special mention to grand display of cacti by Shaw's Gardens.

New York.

Last week closed heavy—there was very little doing in any line, the shadow of the coming election causing a sluggish movement. Monday of this week was still dull and certain lines of stock were moved at very low figures. Later in the day there developed a demand for large yellow chrysanthemums, wanted for election demonstrations, and on Tuesday night large numbers of these were seen among the crowds in the streets. The street merchants and fakirs handled quantities of roses that night and the average stock met with a market better than usual in response to the demand. A few social events on Tuesday night cleaned up the better grades of all lines at good prices. But as a whole trade has been quiet and only relieved by occasional occurrences. After the election turmoil settles down a more steady condition may be expected. Chrysanthemums are now abundant, especially in yellow, which color is in good favor. Timothy Eaton still holds its own as a giant white for bold decorations, and is arriving in good condition. The fashion for such tints as old gold and burnt orange has opened a demand for the reds and bronzes in the chrysanthemums. Violets and carnations continue to improve as time goes along and the Paper White narcissus is more plentiful. Orchids of the usual kinds are still arriving, and are in favor for the more exclusive events. A quantity of swainsona was seen during the week.

John Crosby Brown has issued invitations to the members of the New Jersey Floriculture Society to visit Brighthurst at Orange, N. J., where Peter Duff is

gardener, to see his chrysanthemum show. A number of prominent New Yorkers are also asked to attend. Peter has always covered himself with laurels on his specimen plants, which are in all respects as good as ever this year.

Monday, November 14, is the date for the meeting of the Florists' Club, and it will be chrysanthemum night. It is expected that there will be a large and interesting line of exhibits.

A. J. Guttman and wife returned from Boston on Saturday, where they attended the chrysanthemum show and left for St. Louis on Tuesday.

Chicago.

Business took on a healthy tone this week and as a result stocks, except in the line of chrysanthemums, were cleaned up at fair quotations, especially violets, which have not been seen in large supply the last few days. Chrysanthemums are much in excess, and naturally as a result prices are more or less up and down. Carnations suffer in sympathy, although the quality of most lots coming in is very good. American Beauty roses continue to hold the center of the stage, the quality being good generally and prices satisfactory. Dealers already report some little inquiry from out of town buyers for Thanksgiving supply, and indications are for a good trade, with fair quotations.

The following are among those who visited the World's Fair flower show from this city: James Hartshorne and wife; J. S. Wilson, J. C. Vaughan, Leonard Vaughan, J. B. Deamud and wife, W. N. Rudd, B. O'Neil, Leonard Kill, Ed. Hauswirth, August Poehlmann and wife, Andrew Benson, George Asmus, John P. Degnan, Geo. W. Walther, Jr., Mrs. Horton, N. J. Wietor and wife.

Wietor Brothers sent to the World's Fair show 100 blooms each of the following carnations: Lawson, Harlowarden, Estelle, Adonis, Chicago, Morning Glory, Lady Bountiful and White Cloud. Mr. and Mrs. N. J. Wietor are visitors at the exhibition.

The Joliet News last week contained a portrait and interesting sketch of Manager James Hartshorne, of the Chicago Carnation Company, who acted as superintendent of the exhibition of the Joliet Improvement Society last week.

J. D. Thompson, of the J. D. Thompson Carnation Company, has been in Boston for several days, where he had on exhibition the grand new carnation, Robert Craig.

Everything is in readiness for the exhibition of the Horticultural Society of Chicago, which will take place next week in the Fine Arts building, on Michigan avenue.

The Bride, Bridesmaid and American Beauty roses of J. A. Budlong are just now in splendid shape and in sufficient quantity for a heavy Thanksgiving call.

The Flower Growers' Market anticipates a rushing Thanksgiving business, and the stallholders say they are prepared to take care of it.

The Chicago Tribune last Sunday contained a two-column sketch of Peter Reinberg, reviewing his rise and success in the flower business.

Thousands of visitors are attracted to Lincoln park, where the annual show is now in force. Superintendent Fry has charge of the display.

E. Benard, of San Diego, Cal., stopped in Chicago this week enroute home after a visit of several months in Europe.

J. B. Deamud and wife are spending the

week at St. Louis, visiting the World's Fair and the national flower show.

Fancy chrysanthemums are the order of the day. At A. L. Randall Company's they are seen at their best.

E. C. Amling is receiving well grown American Beauty roses from the new place of Fred Weber.

Vaughan & Sperry are handling a line of roses above the average.

Philadelphia.

Chrysanthemums still hold the boards here and will be hard to dislodge until after Thanksgiving. Bonnaillon, White Bonnaillon and Maud Dean are now the most popular varieties. Harris's light sport from Maud Dean is a very fine thing as he grows it. Mr. Harris grows his chrysanthemums two or three to the plant and gets a very large crop of good, saleable stock. Chrysanthemum prices hold up fairly well, considering the large quantity on the market. We have never before seen American Beauty so fine at this season of the year. Joseph Heacock is sending in some extra choice flowers in medium length stems. John Welsh Young is also cutting some excellent blooms. There are some great Kaiserin and good Bride and Bridesmaid. Liberty is also to be had in all lengths of stem. There appears to be considerable of this variety offered, and it will push the medium American Beauty hard for place the coming season. Carnations of all kinds are offered. The stock is very fine, but is too plentiful. Violets have moved up a notch.

Speaking about gardenias, it looks as if there will be a few about here this season. Harris has a large house, Craig & Son another, Robert Scott & Son two more, and a private gardener is showing them all how to do it, and expects soon to be able to cut three to four hundred per week.

Zimmer, of Collingswood, N. J., is carrying some nice pompons. Who has any of the small, fringed, white pompon? It is the prettiest of them all, but has gone out of cultivation in this neighborhood.

Peacock, of Atco, N. J., was in town this week. Dahlias were his theme, and he promises to show something fine in this flower about the middle of December.

At the market they have probably the most varied stock in town. Anything, from a chrysanthemum, or a thousand of them, to gardenias, is in the list.

The chrysanthemum show this week promises to be fine, as there are many entries, and the quality quite up to the standard of previous years.

Faust, of Merion, is sending in some splendid Adiantum Crolemeum to Fred Ehret. It is the finest thing in this line we have ever seen.

Charles Hartley, of Wyndmoor, is our narcissus specialist. He also makes a specialty of snap dragon, which he does well.

The Philadelphia Cut Flower Company is handling some very fine crimson carnations. K.

Boston.

The market has been duller than the previous week, if that were possible. This dullness can be laid wholly to the superabundance of chrysanthemums, as the quantity has been far in excess of any previous year. As long as they are so plentiful it will be almost impossible to get reasonable prices for other staple flowers. Roses are more than overstocked, and carnations, violets and

chrysanthemums as well are a drag on the market; in fact, the general report from the larger houses is that the market was never so difficult to move as at present. American Beauty roses are selling fairly well, but the quality is nothing extra. A very fine grade of Liberty is being brought in. The best quality of The Wellesley is selling at a good figure, but the medium and smaller grades are very slow. This latter statement applies to all of the small roses. Carnations are only of medium quality, and some of the poorer varieties were selling as low as 25 cents per 100 last week. Chrysanthemums are selling fairly well. There were not so many violets offered for sale the past week as the week before. Now that the mid season mark of the chrysanthemums has been reached it may be expected that the supply will diminish and the other flowers will then get a chance.

The display of flowers at the funeral of Elisha N. Peirce was elaborate. The different organizations to which he belonged, as well as the various florists' and gardeners' societies, and individual florists sent handsome and costly pieces. The piece sent by the directors of the Boston Co-Operative Growers' Association, of which Mr. Peirce was a member, was a noteworthy one. It was a large arch of American Beauty roses, with a center arch of lilies of the valley, the whole being mounted on an open book of chrysanthemums bound with Liberty roses, with the inscription, "Our Dictator."

J. Delay & Company, formerly of Boylston street, have opened up a new store on Clarendon street opposite Trinity church, where they will carry on a retail business. The opening was on Saturday, November 5.

James L. Casey, formerly head bookkeeper at Galvin's, will open a new retail store at 52 Bromfield street. It has been named The Rosary, and will carry a large stock of roses, as well as other cut flowers.

The past week there has been an exhibition at Welch Brothers' a very fine seedling carnation raised by S. J. Reuter, of Westerly, R. I., named Indianapolis. It is of a rich dark pink color, with fringed edges.

B. F. Washington, of North Stoughton, is erecting a new house, 25x50 feet, which will be devoted to carnations. Mr. Washington has been bringing in some exceptionally fine chrysanthemums.

N. F. McCarthy on Friday last held the first of his auction sales of hardy roses. The prices obtained were of a better average than has been the rule for other stock sold at auction this fall.

Both of the flower markets report business as being very good, and the present outlook is that Boston is large enough to accommodate both.

Alexander Porter, of Woburn, is erecting two new greenhouses, 24x150 feet, which will be devoted entirely to chrysanthemums.

Robert McGoram has been bringing in some very fine Bride and Bridesmaid to Welch Brothers. H. P. S.

St. Louis.

The market the past week showed a very firm tendency, notwithstanding the great influx of chrysanthemums which are now crowding the market. The fancy grades of chrysanthemums are decidedly scarce, while poorer grades are plentiful and move slowly at 4 to 8 cents, while fancy blooms are bringing 20 to 25 cents and higher if they can be procured. We attribute the scarcity of fancy

blooms to the fact that they are being held for show purposes. Carnations are cleaned up daily at 2 to 3 cents. Roses are coming in plentifully. American Beauty, especially first-class ones, are very scarce. Violets are very scarce, Californias now bringing 60 cents per 100 with prospects of going higher. Doubles are selling at \$1 per 100. Violets in this market are not very salable. Some good valley and narcissus are in and sell well.

The dedication of the city hall took place last Friday evening. The decorations were in charge of Andrew Meyer, general superintendent of public parks. The mayor's office and that of the park commissioner were profusely decorated with plants and chrysanthemums. In the big rotunda there were twenty-five large loads of plants. The park department had not sufficient plants, but owing to the courtesy of Professor William Trelease, the Missouri Botanical Gardens and the World's Fair loaned a large assortment of plants and 100 large bay trees.

Mr. Jablonsky, of Wellston, Mo., is cutting some fine carnations and expects a fine crop for Christmas.

Frank M. Ellis reports trade good and first-class stock in demand with not enough coming in.

Geo. Walbart is handling, as usual, some extra fancy chrysanthemums and carnations.

H. G. Berning received some very fine Perle roses and violets during the past week.

C. A. Kuehn reports trade good. Poor grades of chrysanthemums are plentiful.

Miss Mary Ostertag has a fine stock of plants and cut flowers on hand.

Will Adels is no longer with the Foster Floral Company.

Visitors: Geo. M. Kellogg, Kansas City, Mo.; Chas. Pfeiffer and wife, Sedalia, Mo.; J. C. Vaughan, Phil Hauswirth, Chicago; Chas. Knopf, Richmond, Ind.; Anton Hanson, New Albany, Ind.; R. J. Rasmussen, with Anders Rasmussen, New Albany, Ind.

Albany, N. Y.

The annual chrysanthemum show in the lake house, Washington park, opened on Tuesday of last week at noon. Head gardener John J. Walsh has on exhibition 500 plants, among which are about forty of the newest varieties. The exhibit will be renewed from time to time during its duration from plants held in reserve in the park greenhouses. The exhibition is usually held for two weeks at this time of the year and attracts a considerable number of people from this section of the state. The total number of varieties in the collection this year is about 400.

In the All Hallowe'en carnival parade, which attracted thousands of visitors to Albany on Monday, Florist Eyres had in line in the evening parade a handsome float showing some of his best foliage and decorative plants. Mr. Eyres and Mr. Danker were members of two of the important committees which labored to make the carnival such an unprecedented success that it turned out to be. One of the features of the carnival was the automobile parade in the afternoon, in which were a number of large machines elaborately decorated with yellow and white chrysanthemums, smilax and doves. R. D.

BERLIN, MASS.—Ernest C. Ross has built a greenhouse and is raising chrysanthemums and carnations.

THE AMERICAN FLORIST

TWENTIETH YEAR.

Subscription, \$1.00 a year. To Europe, \$2.00
Subscriptions accepted only from those
in the trade.

Advertisements, on all except cover pages,
10 Cents a Line, Agate; \$1.00 per inch.
Cash with Order.

No Special Position Guaranteed.

Discounts are allowed only on consecutive inser-
tions, as follows—6 times, 5 per cent; 13 times,
10 per cent; 26 times, 20 per cent;
52 times, 30 per cent.

Space on front pages and back cover page sold
only on yearly contract at \$1.00 per inch, net.

The Advertising Department of the AMERICAN
FLORIST is for florists, seedsmen and nurserymen
and dealers in wares pertaining to those lines only.

Orders for less than one-half inch space not accepted.

Advertisements must reach us by Wednesday to
secure insertion in the issue for the following
Saturday. Address

AMERICAN FLORIST CO., Chicago.

When sending us change of address, always send
the old address at the same time.

THANKSGIVING Thursday, November 24.

THE address label on your paper will
show whether your subscription has
been received. The date is changed in
one to two weeks after its receipt.

IN sending in a change of address it is
important that the old address be given
as well as the new. This will greatly aid
us in locating your name on our mailing
list and prevent delay in making the
desired change.

American Carnation Society.

DEPARTMENT OF PLANT REGISTRATION.

Harvard Crimson, by Frederick A.
Blake, Rochdale, Mass. A decidedly
novel and pretty shade. It is a very
free bloomer with fine stems and flowers
that seldom measure less than three and
one-half inches and are good keepers.
The plant is strong and healthy.

ALBERT M. HERR, Sec'y.

Society of American Florists.

DEPARTMENT OF PLANT REGISTRATION.

The name Vick's Mikado should have
been recorded in place of Mikado, as
applied to new aster registered October
24, 1904, by James Vick's Sons, Roches-
ter, N. Y.

Guttman & Weber, of New York, sub-
mit for registration, seedling carnation,
Victory, hitherto known as No. 3; color,
scarlet red; flower larger than Lawson;
stem stiff and very long, but close-jointed
and less brittle than most stiff-stemmed
varieties. The plant resembles Lawson
in appearance, but is said to be as pro-
lific as Scott.

WM. J. STEWART, Sec'y.

Chrysanthemum Society of America.

President Herrington has announced
the committees to examine seedlings and
sports on dates as follows: November
12, 19 and 26, 1904.

Exhibits to receive attention from the
committees must in all cases be prepaid
to destination, and the entry fee of \$2
should be forwarded to the secretary not
later than Tuesday of the week preceding
examination.

New York—Eugene Dailledouze, chair-
man, care of New York Cut Flower Com-
pany, Sixth avenue and Twenty-sixth
street. C. H. Totty, Wm. Plumb.

Philadelphia, Pa.—A. B. Cartledge,
chairman, 1514 Chestnut street; John
Westcott, Wm. K. Harris.

Boston, Mass.—E. A. Wood, chairman;
Wm. Nicholson, James Wheeler. Ship to
Boston Flower Market, care John Walsh.

Cincinnati, O.—R. Witterstaetter, chair-
man; James Allen, Wm. Jackson. Ship to
Jabez Elliott Flower Market, care Jan-
itor.

Chicago—James S. Wilson, chairman;
Edwin Kanst; P. J. Hauswirth. Ship
care of J. B. Deamud, 51 Wabash avenue.

The Chicago committee served at the
World's Fair show.

WORK OF COMMITTEES.

White seedling No. 1, exhibited by the
E. G. Hill Company, before the Chicago
committee, October 29; color white,
scored commercial scale 85 points.

Souv. Victoria Calvat, exhibited by the
E. G. Hill Company at Chicago, October
29; color light pink, scored commercial
scale 79 points; exhibition scale 74
points.

Bride, exhibited by Lakeview Rose
Gardens, Jamestown, N. Y., before the
Cincinnati committee, November 5; color
white, sport from Jno. K. Shaw, scored
commercial scale 85.

Okolona exhibited by Nathan Smith
& Son, Adrian, Mich., before the Cincin-
nati committee, November 5; color pink;
reflexed Japanese; scored commercial
scale 86 points, stiff enough stem but
shown rather short.

FRED. H. LEMON, Sec'y.

Sweet Pea Buds Dry Up.

ED. AM. FLORIST:—What is the matter
with my sweet peas? The vines are strong
and healthy but the buds do not develop
properly. On some the bud falls off and
on many the buds dry up as soon as they
are formed. They have not suffered for
lack of water. The ground is fairly good;
I had a crop of potatoes off it last year.
I gave the sweet peas a mulch of rotted
cow manure two weeks ago but it has
not removed the trouble. SUBSCRIBER.

This is a case where it is difficult to tell
positively what is the matter. The soil
may be deficient in at least one of the
essential plant foods. The mulching with
well decomposed cow manure ought, in
a measure at least, to supply the defi-
ciency if that is the cause of the trouble
for stable manure should, and generally
does, contain all the essential plant foods.
I have never known sweet peas to act in
the way "Subscriber" has stated, and
had he not said "they have not suffered
for lack of water," I would be inclined to
ascribe that as the cause. Then, again,
it may be they have had too much water,
and if they are growing in a soil that is
not thoroughly drained that may be the
cause. Sweet peas must have an abun-
dant of water, but they do not like stag-
nant moisture at their roots. E. L.

Primula Veris for Forcing.

ED. AM. FLORIST:—Please let me know
when is the best time to lift and divide
Primula veris superba, as I wish to buy
and force some this season. I have some
that were planted out in May, 1903, with
dozens of young shoots. Would it be
better just to break off the big shoots
with two or more small shoots and pot
in 4-inch pots, or cut off the small ones
and pot in 2½-inch pots, leaving only one
big shoot for the 4-inch pot? Would a
violet house temperature do for forcing
them? Should they be frozen before forc-
ing? F. M.

If it is the intention of "F. M." to buy
and force this class of primulas for the

flowers they will produce it is better to
plant the clumps as received undisturbed
without dividing. After they have done
flowering is the best time to divide the
plants, which should be done carefully.
All roots possible should be saved. There
is nothing gained, I believe, by dividing
into too small plants. This class of
primula will flourish in a tempera-
ture higher by a few degrees than is
recommended for violets, say 50° at night.
It is not necessary to have the plants
frozen. I would very much prefer that
the plants were not frozen. The first
frost which kills coleus and other like
tender plants would not hurt the primula
veris at all. When dividing the plants
they should be potted into as small a pot
consistent with the well being of the
plant. Red spider sometimes bothers this
class of primula when growing under
glass. A well directed force of water
from the hose under the leaves is the best
remedy to dislodge this terrible little pest.
Merely sprinkling the plants will not keep
down spider, though that idea has been
handed down from time immemorial, and
it is surprising how such an erroneous
idea is handed down from one genera-
tion of gardeners to another. I have
dipped the plants for red spider in a solu-
tion of sulpho-tobacco soap with benefi-
cial results. E. L.

British Trade Topics.

The trade of late has been engrossed in
the various autumnal shows. The
National Chrysanthemum Society has
held its first show of a series of three
which are held each year, but the initial
one is never as large as the others. The
first exhibition afforded an opportunity
of seeing the progress which is being
made in the development of new early
varieties.

In this year of plenty naturally the
fruit show organized by the Royal Hor-
ticultural Society was well filled with
some very fine specimens of autumn pro-
duce, more than sufficient to fill the Hor-
ticultural hall.

The National Potato Society, which
came into existence last December, held
its first exhibition at the Crystal palace.
Some fifty trade exhibitors staged the
leading new comers in the potato world
which are striving for supremacy. A.
Findlay, the raiser of the record-breaking
Eldorado, had a new seedling for which
£20 a tuber was asked. I noticed Ver-
mont Gold Coin on the stand of many of
the Lincolnshire growers. Another Ameri-
can importation shown by Joseph Bet-
tinson, of Outwell, Wisbech, Cambs, was
The Carman. It is a handsome tuber,
with shallow eyes, with exceedingly white
skin and flesh and a good cooker. A
Scotch grower who has made a trial of
The Carman found it produced the heav-
iest and best crop he has ever grown.
The other American varieties Mr. Bettin-
son is introducing are Crown Jewel, Irish
Cobbler, White Rose, White Ohio and
Clarke's Pride. In addition to arranging
the show the society is doing useful work
in conducting trials in various parts of
the country and in disseminating useful
information among the growers. Recently
I paid a visit to the trial grounds of W.
W. Johnson & Son, Ltd., of Boston, in
Lincolnshire, where I obtained some
interesting information from E. J. Deal,
the general manager. Mr. Deal is well
known to the trade in the United States,
to which he has paid visits with a view
to increasing the firm's connection there.
Messrs. Johnson have a large and increas-
ing export business, seeds worth thou-

sands of pounds being sent to the United States and the colonies. The firm has introduced two new potatoes which have aroused some interest, these being Diamond and The Pearl. The last named is a new early and is likely to be popular in Jersey. One-twentieth of an acre was sold by auction a few weeks ago and realized \$574, averaging \$9 a root. I learned that the other new introductions included Johnson's Market Garden cabbage, this being a cross between Ellam's Early and Offenham Giant Onion, producing bulbs one-third larger than Ailsa Craig, British Empire Pea and Exhibitor Runner Bean, etc. Next season the firm intends putting on the market a pretty bedding nasturtium, Daylight, a fine new poppy and a distinct and attractive sweet pea.

About two years ago Martin J. Sutton, a member of the well-known firm of seedsmen, was made a freeman of the borough of Reading, to whose prosperity he has so largely contributed. The Reading corporation are conferring another honor upon him by making him mayor of the borough, a position which he will fill with the greatest efficiency and advantage to the district.

J. T. West, of Brentwood, Essex, holds a prominent position as a successful raiser of new dahlias. Chatting with him a few days ago I learned that the season had been very unfavorable for these autumn flowers, owing to the spell of drought early in the summer. The rain came too late and they made coarse growth. Mr. West always cultivates his flowers, even to exhibition blooms, under natural conditions, using no shades. He considers that dahlia culture is more popular than ever. The splendid varieties of the cactus type have certainly enhanced the interest taken in this subject. This section receives the monopoly by raisers of novelties, the singles and pompons having to take a second place. As to further developments, Mr. West is of opinion that a good opening exists for working the cactus on the pompons, producing a plant about a foot high. He thinks that this would be in demand for market work, seeing that the dahlias are at their best before the chrysanthemums come in. Mr. West has raised several new varieties which will be sent out next season. Among these is a new pompon, Neatness, of a delicate salmon tint, with yellow center, which received a first-class certificate from the National Dahlia Society at a recent show. The new cactus ones include a splendid scarlet, aptly called Vivid.

Greenhouse Building.

Nashville, Tenn.—Jacob Hostetter, five houses for vegetables, 20x120.

New Albany, Ind.—Mrs. Chas. W. De Pauw, rose house, 20x100.

New Albany, Ind.—Anders Rasmussen, connecting house, 12x50.

Janesville, Wis.—State School for The Blind, greenhouse.

Warren, O.—Adgate & Son, carnation house, 24x100 feet and steam heating plant.

Portland, Ore.—F. Schmitt, one house. Woburn, Mass.—Carl Everburg, one house.

Mansfield, Mass.—Geo. Geddes, cucumber house.

Sedalia, Mo.—Kelvin & Sons, four iron frame greenhouses.

Canton, O.—The Zettler Company, two carnation houses, 20x100.

Kirkwood, Mo.—W. Winter, two houses, 15x100.

Centralia, Ill.—J. E. Roth, several houses.

Deadwood, S. D.—Allen McDowell, one house.

Aurora, Ill.—Aurora Greenhouse Company, range of houses.

Berlin, Conn.—M. S. Piper, one house.

East Hampton, Mass.—Mr. Jones, one house.

Portland, Me.—Skillin Brothers, addition.

Germantown, Pa.—Mrs. Anne Weightman Walker, iron frame house, 25x75.

Norwich, N. Y.—E. F. Quinn, rose house.

Painesville, O.—Carl Hagenburger, range of houses.

BROCKTON, MASS.—M. Burton Baker has erected a new greenhouse at his residence at the corner of Snell avenue and Sumner street, which he has filled with violets.

NORWELL, MASS.—C. A. Berry has enlarged his greenhouses and has commenced the season by setting out cucumbers, which he expects to harvest in December.

NOKOMIS, ILL.—E. Easterday recently completed the erection of a 15x80-foot addition to his establishment, which will be used for vegetable culture. Mr. Easterday is building up a nice business.

GRAND HAVEN, MICH.—James A. Franks is now managing the greenhouse property formerly owned by Geo. Hancock & Son. Silas A. Harvey has bought land and has commenced the erection of greenhouses across the road from the old Hancock place.

LENEX, MASS.—The receipts of the two days' flower show by the Lenox Horticultural Society were \$207 in admissions and about \$300 in contributions from the Lenox summer residents and growers and seed men. The society awarded about \$500 in prizes in the eighty-two classes.

SITUATIONS, WANTS, FOR SALE.

One Cent Per Word.

Cash with the Adv.

Plant Advs. NOT admitted under this head.

Every paid subscriber to the AMERICAN FLORIST for the year 1904 is entitled to a five-line WANT ADV. (situations only) free, to be used at any time during the year.

Situation Wanted—By German, age 36; 17 years' experience in commercial places. No. 1 worker; able to build and repair greenhouses. Box 76, care American Florist.

Situation Wanted—By German, single, sober, age 32; first-class rose and carnation grower; 18 years' experience. Please state wages. Address Box 73, care American Florist.

Situation Wanted—By good all-around florist, single; 27 years of age; 10 years' experience. Capable of taking care of small commercial place. State wages. Address Box 72, care American Florist.

Situation Wanted—As vegetable gardener, by a single German, of 32, competent to take charge in vegetables. Kindly state particulars in first letter. At liberty after Nov. 15. Address JOHN X. SCHAEFER, Elmira, Mich.

Situation Wanted—As working foreman. German, single, sober; 19 years' experience in cut flowers, pot plants, making-up and landscaping. Please state wages. Good references. Will go anywhere. Address Box 59, care American Florist.

Situation Wanted—By active, educated man; life experience in all branches, cut flowers, pot plants, etc., this country and abroad; willing, steady worker, though able to take charge; wants any suitable position. Address Box 75, care American Florist.

Situation Wanted—As working foreman by a young Dan, 26, sober, single. First-class grower of cut flowers and pot plants. Also have experience in forcing vegetables under glass. Best of reference. Address E. JENSEN, 2223 Oaks Ave., Superior, Wis.

Situation Wanted—By young man 25 years of age as foreman over a medium sized place or assistant foreman on a large place. Eight years' experience in roses, carnations, mums, violets, pot plants and bedding stock. Position desired December 5. Can give references. Address G. C. K., 424½ Junata St., St. Louis, Mo.

Help Wanted—Young men who have had experience in growing roses and carnations. W. K. PARTRIDGE, Station R, Cincinnati, O.

Help Wanted—A good, reliable young man; must be a good salesman and up-to-date in the floral work, for first-class retail store in Chicago. State references from last place. Address Box 58, care American Florist.

Help Wanted—Plantsman who can take full charge of 20,000 feet of glass. Ferns and Lorraine begonias, Ramblers and lilies for Easter. Only first-class men need apply. All applications strictly confidential. Address Box 74, care American Florist.

Help Wanted—Thoroughly competent and experienced propagator, principally on roses and carnations. Must be capable of showing good results. State experience, where last employed and wages wanted. Address LAKE VIEW ROSE GARDENS, Jamestown, N. Y.

Help Wanted—A good reliable man for first-class retail florist store; one who is a good salesman and designer. Must be well educated and neat. State salary, age and reference. A good position to the right party. Address H. PEISTER, 1120 Connecticut Ave., Washington, D. C.

For Sale Cheap—Five small greenhouses, store and two-story flat building almost new. One location. 548 119th St., West Pullman, Chicago.

For Sale—Horizontal tubular hot water boiler in first-class condition; 9 ft. 6 ins. long; 36 inches in diameter; nearly new Deane steam pump. J. W. DUNFORD, Clayton, Mo.

For Sale or Rent—Owing to death of proprietor, will sell or rent well established greenhouse property in thriving southern city. No competition. For particulars, address R. A. SCHNEIDER, 2962 Wabash Ave., Chicago.

For Sale or Lease—A first-class paying florist business; houses stocked with roses, carnations, decorative plants, etc. Offered only because the owner wishes to retire from business. Will hear close investigation. GEORGE T. EARLE, The City Greenhouses, Central Falls, R. I.

For Sale—Greenhouse property; established 27 years. 14 room, 2½ story almost new dwelling house with tower, all improvements, gas, light. 1½ acre good land, fruit and shade trees; 5 greenhouses, well stocked, hot-water heat. Center of City of Melrose, 7 miles to Boston; electric cars pass door, 5c fare. Wholesale and retail business. J. GEIST, 84 Grove St., Melrose, Mass.

FOR SALE Refrigerator good as new. Beveled edge mirrors and three sides glass. Size 7¼ feet high, 42 in. wide, 32 in. deep. Will sell at half price.

WAGNER PARK CONSERVATORIES, Sidney, O.

Situation Wanted.

An experienced florist wants position as working foreman or section man in an establishment where first-class cut flowers are required. 19 years' experience. Have grown first-class roses around Chicago. An experienced propagator of roses and carnations. Can furnish good references. Address Box 71, care American Florist.

For Sale, AT ONCE, oldest florist business of Chicago, established 1880. All newly rebuilt this year, consisting of a modern store and basement with show houses on north and south side and a 25x200 foot conservatory all visible from the street. One house 15x250 feet and another 8x115 feet; enough space for one man to grow all the bedding and blooming plants, lilies, mums and bulbous stock needed. Owner wants to retire permanently and offers this place, unanimously called the finest in Chicago, at a **Bargain**. Frontage of about 110x250 feet; four electric car lines pass front. Near boulevard and 3 blocks from the lake. Near elevated. The total running expenses are \$20 a day. Present owner accumulated wealth here in the last 5 years. Experienced manager and old hands on place. Investigate this. The place may be had at once or anytime as agreed. Owner will stay with new party free for 2 months. Two new horses and new carriage delivery wagon. Everything in first-class shape. Address BOX 70, care American Florist.

Wietor Brothers, 51 Wabash Avenue, CHICAGO.

WHOLESALE CUT FLOWERS.

—CURRENT PRICES. SUBJECT TO CHANCE.—

AMERICAN BEAUTY.

| | Per doz. |
|----------------------|---------------------------|
| 30-36-inch stem..... | \$3.00 |
| 24-inch stem..... | 2.00 |
| 20-inch stem..... | 1.50 |
| 16-inch stem..... | 1.25 |
| 12-inch stem..... | 1.00 |
| Short Stem..... | per 100, \$3.00 to \$4.00 |

ROSES.

| | Per 100 |
|----------------------------|------------------|
| Bride and Maid..... | \$2.00 to \$3.00 |
| Meteor and Gate..... | 2.00 to 3.00 |
| Liberty..... | 3.00 to 6.00 |
| Kaiserin..... | 3.00 to 6.00 |
| CARNATIONS—Good stock..... | 1.00 to 1.50 |
| Large and fancy..... | 2.00 to 3.00 |

CHRYSANTEMUMS, ALL COLORS, \$1.00 to \$3.00 PER DOZEN.

Wholesale Flower Markets

MILWAUKEE, Nov. 10.

| | |
|------------------------------|-------------|
| Roses, Beauty, long per doz. | 3.00 |
| " " med. " 1.50@ 2.00 | |
| " " short..... | 4.00@ 8.00 |
| " Liberty..... | 2.00@ 8.00 |
| " Chateau..... | 2.00@ 6.00 |
| " Bride, Bridesmaids..... | 2.00@ 5.00 |
| " Meteor, Golden Gate..... | 2.00@ 5.00 |
| " Perle..... | 2.00@ 5.00 |
| Carnations..... | 1.00@ 3.00 |
| Smilax..... | 10.00@12.50 |
| Asparagus..... | 35.00@50.00 |
| Valley..... | 3.00@ 4.00 |
| Harrisii..... | 12.50 |
| Adiantum..... | 1.00 |
| Violets..... | .75@ 1.00 |
| Mums..... | .75@ 3.00 |

PITTSBURG Nov. 10.

| | |
|------------------------------|-------------|
| Roses, Beauty, specials..... | 20.00@25.00 |
| " " extras..... | 12.50@15.00 |
| " " No. 1..... | 8.00@10.00 |
| " " ordinary..... | 4.00@ 5.00 |
| " Bride, Bridesmaid..... | 2.00@ 6.00 |
| " Meteor..... | 2.00@ 6.00 |
| " Liberties..... | 3.00@ 6.00 |
| " Kaiserin..... | 2.00@ 6.00 |
| " Perle, Chateau..... | 2.10@ 5.00 |
| Carnations..... | .50@ 2.50 |
| Lily of the valley..... | 3.00@ 4.00 |
| Smilax..... | 12.50@15.00 |
| Asparagus, strings..... | 25.00@50.00 |
| Asparagus Sprengerii..... | 1.00@ 2.00 |
| Lilies..... | 12.00@15.00 |
| Chrysanthemums..... | 4.00@20.00 |
| Adiantum..... | 1.00@ 1.25 |
| Violets..... | .50@ 1.00 |
| Paper White Narcissus..... | 3.00@ 4.00 |
| Roman hyacinths..... | 1.00@ 3.00 |

CINCINNATI, Nov. 10.

| | |
|------------------------------------|---------------|
| Roses, Beauty, 1.00@ 4.00 per doz. | |
| " Bride, Bridesmaid..... | 3.00@ 6.00 |
| " Liberty..... | 3.00@ 6.00 |
| " Meteor, Golden Gate..... | 3.00@ 6.00 |
| Carnations..... | 1.00@ 4.00 |
| Lily of the valley..... | 3.00@ 4.00 |
| Asparagus..... | 50.00 |
| Smilax..... | 10.00@12.50 |
| Adiantum..... | 1.00@ 1.50 |
| Callas..... | 10.00 |
| Asparagus Plumosus and Sprengerii | |
| in bunches..... | 25c per bunch |
| Chrysanthemums..... | 8.00@25.00 |

St. Louis, Nov. 10.

| | |
|--------------------------------|-------------|
| Roses, Beauty, long stem..... | 2.50@3.00 |
| " Beauty, medium stem..... | 1.50@2.00 |
| " Beauty, short stem..... | .75@1.00 |
| " Bride, Bridesmaid..... | 4.00@ 6.00 |
| " Golden Gate..... | 3.00@ 5.00 |
| " Liberty..... | 4.00@ 8.00 |
| " Kaiserin..... | 3.00@ 6.00 |
| " Meteor..... | 3.00@ 6.00 |
| Carnations..... | 1.50@ 3.00 |
| Smilax..... | 15.00 |
| Asparagus Sprengerii..... | 1.50@ 3.00 |
| " Plumosus..... | 25.00@50.00 |
| Ferns, fancy, per 1000 \$1.50. | |
| Adiantum..... | 1.00@ 1.25 |
| Daisies..... | .50 |
| Chrysanthemums, medium..... | 8.00@12.00 |
| " large..... | 15.00@25.00 |
| Violets, California..... | .50 |
| " Double..... | 1.00 |
| Lily of the valley..... | 4.00 |
| Alyssum..... | .20 |

CLEVELAND, Nov. 10.

| | |
|--------------------------|-------------|
| Roses, Beauty..... | 5.00@25.00 |
| " Bride, Bridesmaid..... | 2.00@ 5.00 |
| " Kaiserin..... | 3.00@ 8.00 |
| " Meteor..... | 2.00@ 5.00 |
| Carnations..... | 1.00@ 2.00 |
| Smilax..... | 10.00@15.00 |
| Asparagus, strings..... | 25.00@50.00 |
| " Sprengerii..... | 1.00@ 2.00 |
| Calax..... | 1.00@ 1.50 |
| Common ferns..... | 1.50 |
| Chrysanthemums..... | 6.00@15.00 |

PITTSBURG CUT FLOWER CO., LTD.

PITTSBURG'S LARGEST, BEST EQUIPPED AND OLDEST

Wholesale Cut Flower House

ESTABLISHED 1898.

AT 504 LIBERTY AVE.

HOLTON & HUNKEL CO., --Wholesale Cut Flowers--

457 Milwaukee Street.

MILWAUKEE, WIS.

—THE— J. M. McCullough's Sons Co.

WHOLESALE FLORISTS

ALSO SUCCESSORS TO

THE CINCINNATI CUT FLOWER CO.

CONSIGNMENTS SOLICITED.

Special attention given to Shipping Orders.

316 WALNUT ST. CINCINNATI, O.

Please mention the American Florist when writing.

Pittsburg Florist Exchange WHOLESALE FLORISTS.

228 Diamond St., Pittsburg, Pa.

CONSIGNMENTS SOLICITED.

Please mention the American Florist when writing.

H.G. BERNING Wholesale Florist

1402 Pine St., ST. LOUIS, MO.

Please mention the American Florist when writing.

C. A. KUEHN, Wholesale Florist,

1122 Pine St., ST. LOUIS, MO.

A Complete Line of Wire Designs.

Please mention the American Florist when writing.

Peter Weiland, WHOLESALE FLORIST,

Room 18, 128 E. Third St., CINCINNATI, O.

Headquarters for

American Beauties and all leading varieties of
Roses and Carnations.Orders received and filled at Greenhouses if
desired, by addressing

PETER WEILAND, New Castle, Ind.

JOHN WOLF, Wholesale and Retail Florist,

SAVANNAH, GA.

ESPECIALLY CONVENIENT FOR THE
SOUTHERN TRADE.Largest Grower of VALLEY in the South,
also CARNATIONS, ROSES and BULB-
OUS FLOWERS.

Long Distance Telephone Connections.

J. B. MURDOCH & CO. WHOLESALE FLORISTS,

FLORISTS' SUPPLIES.

545 Liberty Ave., PITTSBURG, PA.

Always mention the.....

American Florist

when you write to an advertiser.

WE ARE LOOKING FOR BUSINESS.

We Want Your Trade.

WE ARE NOW SUPPLYING ALL GRADES OF
CHRYSANTHEMUMS, VERY FINE ROSES, CARNATIONS, VIOLETS and VALLEY
BESIDES GREEN STOCK.

**Our
Specialties:**

Wild Smilax which is just a **little better** than the other
fellow's constantly on hand. Prices:

| | | | |
|------------------------|--------|------------------------|--------|
| Case No. 1—15 lbs..... | \$2.00 | Case No. 4—35 lbs..... | \$4.00 |
| Case No. 2—20 lbs..... | 3.00 | Case No. 5—40 lbs..... | 4.50 |
| Case No. 3—30 lbs..... | 3.50 | Case No. 6—50 lbs..... | 5.00 |

FANCY FERNS, the very best..... Per 1000 \$1.50

GALAX, Bronze..... 1.50

Green..... 1.00

LEUCOTHOE SPRAYS..... per 100, 75c

J. B. Deamud,

51 Wabash Ave., WHOLESALE FLORIST. CHICAGO.

'Phones: Long Distance Central 3155. Automatic 9922.

E. C. AMLING

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

**32, 34, 36 RANDOLPH ST.,
CHICAGO.**

L. D. 'Phones Central 1978 and 1977.

Please mention the American Florist when writing.

Bassett & Washburn

76 & 78 Wabash Ave., CHICAGO.

Wholesale Dealers and
Growers of **Cut Flowers**

GREENHOUSES: HINSDALE, ILL.

D. WOOD BRANT,

SUCCESSOR TO BRANT & NOE FLORAL CO.

—Grower of—

CUT FLOWERS AT WHOLESALE.

Now offer Choicest American Beauty roses.
Prices reasonable.

Careful attention given shipping orders.

58-60 Wabash Ave., CHICAGO.

Always mention the.....

American Florist

when you write to an advertiser

MICHAEL Winandy

Wholesale Grower
and shipper of **CUT FLOWERS**

Room 218, 51 Wabash Ave., Atlas Block,
Telephone Central 3284. **Chicago.**

GEO. REINBERG,

Wholesale
Grower of **Cut Flowers**

CHOICE AMERICAN BEAUTIES.

We will take care of your orders at reason-
able prices. Prompt attention.

51 Wabash Ave., CHICAGO, ILL.

Wholesale Flower Markets

CHICAGO, Nov. 11.

| | |
|--------------------------------------|--------------------|
| Roses, Beauty, 30 to 36-in. stems | 2.50@ 3.50 |
| " " 20 to 24 " | 1.50@2.50 |
| " " 15 to 18 " | 1.00@ 1.50 |
| " " 12 " | .75@1.00 |
| " Liberty..... | 3.00@ 6.00 |
| " extra select..... | 10.00@ 12.00 |
| " Chatenay..... | 4.00@ 8.00 |
| " Bride, Bridesmaid..... | 3.00@ 6.00 |
| " Meteor, Golden Gate..... | 3.00@ 6.00 |
| Carnations..... | 1.00@ 1.50 |
| fanoy..... | 2.00@ 2.50 |
| Valley..... | 2.00@ 3.50 |
| Asparagus Plumosus, per string 40 " | 50c |
| " " " " " " " " " " " " | sprays 2.00@6.00 |
| " Sprenger..... | 3.00@ 6.00 |
| Leucothoe Sprays..... | .75 |
| Galax Leaves, Bronze, per 1000, | 1.25 |
| Green, " " " " | 1.00 |
| Adiantum..... | .75 |
| Fancy ferns...per 1000 | 1.00@ 1.50 |
| Smilax..... | 12.00@15.00 |
| Callas..... | 1.25@1.50 per doz. |
| Chrysanthemums, \$1.50@3.00 per doz. | |
| Paper Whites..... | 3.00 |

J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and
Carnations
A Specialty.....

WHOLESALE
GROWER of

CUT FLOWERS

E. H. Hunt,

WHOLESALE

Cut Flowers

"THE OLD RELIABLE."

76 Wabash Ave.,CHICAGO.

Wild Smilax.

DO YOU KNOW THAT

VAUGHAN & SPERRY

Sell the very best quality
of **WILD SMILAX?**

| | |
|--------------------|--------|
| 20 pound case..... | \$3.00 |
| 35 pound case..... | 4.00 |
| 50 pound case..... | 5.00 |

There is none better, they get it fresh
every day. Don't forget the number

60 Wabash Av., CHICAGO.

WRITE FOR SPECIAL PRICES ON LARGE LOTS.

A. L. RANDALL CO.
Wholesale Florists.

19 & 21 Randolph St., CHICAGO.

Send for weekly price list and
special quotations on 1000 lots.

Flower Growers' Market.

60 Wabash Ave., CHICAGO.

Order your stock where it will be filled with
care and dispatch. The most successful growers
of cut flowers, are those who sell their own stock.
Give us your **standing order.**

PERCY JONES, Manager

LILY OF THE VALLEY

From cold storage, \$15.00 per 1000; case of
2,500, \$35.00; per 100, \$1.75.

FINEST CUT VALLEY IN QUANTITIES.

H. N. BRUNS,

1409-11 W. Madison St., CHICAGO.

Poehlmann Bros. Co.

Wholesale Growers of

and
Dealers in **Cut Flowers**

All telegraph and telephone orders
given prompt attention.

Greenhouses:
Morton Grove, Ill.

**35-37
Randolph Street,
CHICAGO.**

THE BENTHEY-COATSWORTH CO.

35 RANDOLPH ST.

WHOLESALE FLORISTS

CHICAGO.

The Leo Niessen Company

WHOLESALE FLORISTS

1217 Arch Street,

Store open from 7 A.
M. to 8 P. M.

PHILADELPHIA, PA.

The Cleveland Cut Flower Company,

WHOLESALE CUT FLOWERS, FLORISTS' SUPPLIES, WIRE DESIGNS.

52 and 54 High Street,

CLEVELAND, OHIO.

BOSTON, MASS.

WELCH BROS.

15 Province Street.

All Varieties FLOWERS in Season. FANCY and DAGGER FERNS.

FLORISTS' SUPPLIES all kinds.

Long Distance Telephone, 6268-6267 Main.

GEORGE COTSONAS & CO.,

Wholesale and Retail
Dealers in all kinds of

EVERGREENS.

Fancy and Dagger
Ferns, Bronze and
Green Galax.
Phone 1202 Mad. Sq.

MAIN STORE, 45 W. 29th St., NEW YORK.

BRANCH, 55 W. 28th St.

Please mention the American Florist when writing

MOSS, GALAX, FERNS.

Galax, Bronze or Green.....\$1.00 per 1000

Ferns, Dagger or Fancy......90 per 1000

Southern Smilax, large case.....\$6.00

CUT FLOWERS, FLORISTS' SUPPLIES.

H. L. MENAND, 34 Williams St., Albany, N. Y.
L. D. TELEPHONES.

Michigan Cut Flower Exchange,

WM. DILGER, Mgr.

Fancy Ferns, \$1.00 per 1000.

Dagger Ferns, .90c per 1000.

38-40 Miami Ave., DETROIT, MICH.

FOR SOUTHERN WILD SMILAX

(Where quality is First Consideration)

Write, Wire or Phone the Introducers,

Caldwell The Woodsman Co., Evergreen, Ala.

New Crop Southern Wild Smilax
now ready in limited quantities.

THE KERVAN COMPANY,

WHOLESALE DEALERS,

All Decorating Evergreens, Galax,
Leucothoe, Mosses, Etc.

20 W. 27th Street, NEW YORK.

TELEPHONE 1519 MADISON SQ.

GALAX, FERNS, ETC.

Green Galax.....@ 60c per 1000

Cut Fancy Ferns.....@ \$1.00 per 1000

Cut Dagger Ferns.....@ 1.00 per 1000

Cut Leucothoe Sprays.....@ 3.00 per 1000

New crop, first-class and fresh from the patch; will
have Bronze Galax in Nov. Cash with order.

J. N. PRITCHARD, Elk Park, N. C.

C. K. LEE, CASTLEBERRY,
FLA.

Wild Smilax, Long Needle Pines.

Wire or write for prices.

Asparagus Strings

8 feet, 50 cents.

WM. H. ELLIOTT, Brighton, Mass.

Wholesale Flower Markets

BOSTON, Nov. 9.

| | |
|-------------------------------|-------------|
| Roses, Beauty, best..... | 15.00@25.00 |
| " " medium..... | 8.00@20.00 |
| " " culls..... | .50@ 4.00 |
| " " Bride, Bridesmaid..... | 1.00@ 3.00 |
| " " extra..... | 4.00@ 8.00 |
| " " Liberty..... | .50@ 6.00 |
| Carnations..... | .50@ 1.00 |
| " " Fancy..... | 1.00@ 2.00 |
| Lily of the valley..... | 3.00@ 4.00 |
| Smilax..... | 8.00@12.00 |
| Adiantum..... | .75@ 1.00 |
| Asparagus..... | 35.00@50.00 |
| Violets..... | .40@ .60 |
| Chrysanthemums, ordinary..... | 4.00@ 6.00 |
| " " fancy..... | 8.00@12.00 |

PHILADELPHIA, Nov. 9.

| | |
|-----------------------------------------|-------------|
| Roses, Tea..... | 3.00@ 5.00 |
| " " extra..... | 6.00@ 8.00 |
| " " Liberty..... | 6.00@10.00 |
| " " Queen of Edgely, extra..... | 12.00@25.00 |
| " " firsts..... | 8.00@12.00 |
| " " Beauty, extra..... | 12.00@25.00 |
| " " firsts..... | 8.00@12.00 |
| Carnations..... | 1.00@ 3.00 |
| Chrysanthemums, per doz., \$1@ \$4..... | 8.00@35.00 |
| Lily of the valley..... | 3.00@ 4.00 |
| Asparagus..... | 25.00@50.00 |
| Smilax..... | 12.00@15.00 |
| Violets, single..... | .25@ .50 |
| " " double..... | .50@ 1.00 |
| Adiantum..... | 1.00@ 1.50 |
| Gardenias..... | .35@ .50 |
| Mignonette..... | 1.00@ 1.50 |

BUFFALO, Nov. 9.

| | |
|------------------------------------|-------------|
| Roses, Beauty..... | 3.00@25.00 |
| " " Bride, Bridesmaid, Meteor..... | 1.00@ 6.00 |
| Carnations..... | 1.00@ 4.00 |
| Harrisii..... | 15.00 |
| Lily of the valley..... | 2.00@ 5.00 |
| Asparagus, strings..... | 40.00@50.00 |
| Smilax..... | 10.00@15.00 |
| Adiantum..... | .50@ 1.00 |
| Lilium Longiflorum..... | 15.00 |
| Chrysanthemums..... | 3.00@20.00 |
| Violets..... | .30@ .60 |

HARDY CUT FERNS.



We carry the finest and most complete line of Decorative Evergreens and Florists' Supplies. Our specialties are **DAGGER** and **FANCY FERNS**, All quality, \$1.00 per 1000. Discount on larger orders. **BRILLIANT BRONZE** and **GREEN GALAX**, \$1.00 per 1000. **Laurel Festooning**, good and full, handmade 5c and 6c per yd. **Green and Sphagnum Moss**, \$1.00 per bbl. **Sphagnum Moss**, 50c per bag; 5 bags, \$2.00. **Ivy Leaves**, \$1.00 per 1000. **Sprengerii**, 25c and 50c per bunch. **Asparagus Plumosus**, 50c per bunch or string. **Leucothoe Sprays**, \$1.00 per 100; \$7.50 per 1000.

We also carry a full line of Florists Supplies such as Tin Foil, Cut Wire, Corrugated Boxes, all sizes, Folding Boxes, Ribbons, all sizes and colors, Koral Letters, Block Letters, Wire Designs, Cycas Leaves, Etc., Etc. Our stock is of the best quality and at the most reasonable rates. Please write for our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.

HENRY M. ROBINSON & CO., L. D. Phone 2618 Main. 8 and 11 Province St., Boston, Mass.

Please mention the American Florist when writing

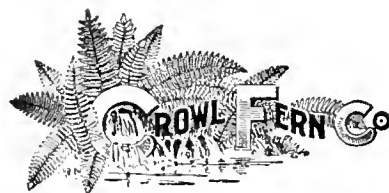
BERGER BROS. WHOLESALE FLORISTS.

Bell and Keystone Phones. 1220 Filbert Street, PHILADELPHIA.

Please mention the American Florist when writing.

HARDY CUT FERNS.

Fancy or Dagger Ferns, 85c per 1000. **Galax**, Brilliant Bronze or Green, 75c per 1000; \$8.50 per case of 10,000. **Laurel Festooning**, hand-made, full sizes, 4c, 5c and 6c per yd. Made fresh daily from the woods. Send us your Thanksgiving orders now and we will please you. **Branch Laurel**, 35c per large bundle. **Southern Wild Smilax**, \$5.50 per case, large size. **Laurel Wreaths** and **Princess Pine Wreaths**, made all sizes and prices. **Princess Pine** by the lb. and made into roping. Tell us your wants and we will name you prices.



Tel. Office, New Salem, Mass. Millington, Mass.

The Philadelphia Wholesale Flower Market.

1235-7 Filbert St., PHILADELPHIA.

Open from 7 A. M. to 6 P. M. Telephones.

GALAX LEAVES.

Brilliant Bronze or Green. Selected stock, full count, \$1.00 per 1000; \$3.75 per 5000.

Sphagnum Moss, clean picked stock, large bale, \$1.75 each; by freight, \$3.00 each.

All Kinds of Decorative Greens and Florists' Supplies.

Tel. 597 Madison L. J. KRESHOVER,
Square. 110-112 W. 27th St., New York.

FLOWERS SHIPPED BY

JOHN I. RAYNOR

ARE THE BEST PRODUCT OF THE BEST
GROWERS FOR THE NEW YORK MARKET.

Adiantum Croweanum 49 W. 28th Street, NEW YORK.
Sold here Exclusively. Tel. 1998 Madison Square.

YOUNG & NUGENT

42 West 28th Street, Telephone 2085, Madison Sq. **Wholesale Florists.**

CATTLEYS, GARDENIAS, ROSES, CARNATIONS and all seasonable novelties. With our long experience in shipping, and competent assistants in our packing department, we are in a position to guarantee out-of-town customers who place their orders with us that they will not be disappointed.

Walter F. Sheridan,
Wholesale Florist,

Telephone 902 Madison Square.

39 West 28th St., NEW YORK.

Telephone No. 756 Madison Square,

**MOORE, HENTZ & NASH**

Wholesale Commission Florists.

55 and 57 West 26th St. NEW YORK CITY.

Advice of sale note daily. Statement and check weekly. All consignments, large or small, receive the same attention. CORRESPONDENCE INVITED.

WHOLESALE WILLIAM GHORMLEY, COMMISSION

Daily Receiver and Shipper of Fresh Cut Flowers.

Orchids, Roses, Carnations, Valley, Lilies, etc.

Telephones 2200 and 2201 Madison Square.

57 West 28th Street, NEW YORK CITY.

JOHN YOUNG,

Special American Beauties,
Surpassing Carnations,
Lily of the Valley, Orchids
and all Seasonable Flowers.

51 West 28th St., NEW YORK.
Telephone 1905 Madison Square.

THE RECOGNIZED HEADQUARTERS IN
NEW YORK CITY FOR

Violets and Carnations

GROWERS and BUYERS make a note of this.
It will be to your advantage.

WM. H. GUNTHER,
30 West 29th Street, NEW YORK.
Telephone 551 Madison Square.

THOMAS YOUNG, Jr.
WHOLESALE FLORIST.

CHOICEST CUT FLOWERS.
43 W. 26th St., NEW YORK CITY.

THE RELIABLE
COMMISSION HOUSE

JOSEPH S. FENRICH

48 W. 30th Street, NEW YORK.
TEL. 325 MADISON SQ.

N. Y. CUT FLOWER EXCHANGE

Coogan Bldg. 6th Ave. and W. 26th St., New York.
Open for Cut Flower Sales at 6 o'clock
Every Morning.....

DESIRABLE WALL SPACE TO RENT FOR
ADVERTISING.

JOHN DONALDSON, Secretary.

Choice Carnations.

Selected Roses.

Traendly & Schenck

NEW YORK CITY,

44 W. 28th Street, Cut Flower Exchange.
New Telephone No. 798 & 799 Madison Sq.

Wholesale Flower Markets

NEW YORK, Nov. 9.

| | |
|-----------------------------------|-------------|
| Roses, Beauty, best..... | 5.00@20.00 |
| " " medium..... | 1.00@ 4.00 |
| " " culls..... | .50@ 1.00 |
| " Liberty, best..... | 6.00@10.00 |
| " " medium..... | 2.00@ 5.00 |
| " " culls..... | .50@ 1.00 |
| " Bride, Bridesmaid, G. Gate..... | .50@ 5.00 |
| " Kaiserin, Carnot..... | .50@ 6.00 |
| Carnations..... | .50@ 2.00 |
| " fancy and novelties..... | 2.00@ 4.00 |
| Lily of the valley..... | 1.00@ 3.00 |
| Lilies..... | 4.00@ 8.00 |
| Smilax..... | 5.00@10.00 |
| Adiantum..... | .10@ .50 |
| Asparagus..... | 25.00@50.00 |
| Gardenias..... | 2.00@ 6.00 |
| Violets..... | .35@ .60 |
| Chrysanthemums, per doz.,..... | 50c@4.00 |

Charles Millang

WHOLESALE FLORIST.

Conservatory connected from which I can ship
ferns and decorative plants promptly.

50 W. 29th St. NEW YORK.
Tel. 3860 and 3861 Madison Square.

It is good business policy
to mention the

American Florist

.....when writing to an advertiser.

FORD BROS.

Receivers and Shippers of

Fresh Flowers

111 West 30th St., NEW YORK.
Telephones 3870-3871 Madison Sq.

REPRESENTING EMINENT GROWERS.

Julius Lang

53 West 30th Street, NEW YORK.

COMMISSION DEALER in FLOWERS

TELEPHONE 280 MADISON SQUARE.

ALEX. J. GUTTMAN,

Wholesale Commission Florist,

All varieties of Cut Flowers in season
at right prices, and of the
BEST QUALITY.

52 W. 29th Street, NEW YORK CITY.
Telephone 1664 and 1665 Madison Square.

THE

NEW YORK CUT FLOWER CO.

55 and 57 West 26th St.,
WHOLESALE FLORISTS.

Daily Reports.

Weekly Payments.

TELEPHONE
756 Madison Sq.

J. A. MILLANG,
MANAGER

CARNATIONS My Specialty.
CONSIGNMENTS SOLICITED.

Prompt Payments.

Established 1891

Alfred H. Langjahr, 55 W. 28th St.
New York.

Telephone 3924 Madison Sq.

EDW. C. HORAN,

55 WEST 28TH STREET,

Telephone 421
Madison Square.

.....NEW YORK.

CUT FLOWERS AT WHOLESALE.

INTERNATIONAL FLOWER DELIVERY.

NEW YORK.

Steamer Gifts

Orders for flowers in any form carefully filled and delivered by special messenger on board any steamer on day of departure from New York.

THOS. YOUNG, JR.
43 W. 28th St., NEW YORK CITY.

Please mention the American Florist when writing.

SAN FRANCISCO.

TELEPHONE MAIN 1023.

SIEVERS & BOLAND,
Floral Artists,

33 Post Street, SAN FRANCISCO, CAL.

INDIANAPOLIS.

Bertermann Bros. Co.,
FLORISTS,

241 Massachusetts Ave., INDIANAPOLIS, IND.
Please mention the American Florist when writing.

ST. LOUIS.

Fred. C. Weber,
FLORIST,

4320-4328 Olive St., ST. LOUIS, MO.
Established 1873, L. Dist. Phone Lindell 196 M.

DENVER.

The Park
Floral Co.
J. A. VALENTINE,
Pres. DENVER, COLO.

MILWAUKEE.

C. C. Pollworth Co.
MILWAUKEE, WIS.
Will take proper care of your orders in
WISCONSIN.

CHICAGO.

Established 1857.

The Geo. Wittbold Co.
1657 Buckingham Place, CHICAGO.

Growers and importers. The oldest and leading house in Central and Western United States. Decorative plants a specialty. Mail and Wire Orders Get Prompt attention.

Palmer's

BUFFALO,
N. Y.

PASSENGER STEAMSHIP MOVEMENTS.

The tables herewith give the scheduled time of departure of ocean steamships carrying first-class passengers from the principal American and foreign ports, covering the space of two weeks from date of this issue of the AMERICAN FLORIST. Much disappointment often results from attempts to forward flowers for steamer delivery by express, to the care of the ship's steward or otherwise. The carriers of these packages are not infrequently refused admission on board and even those delivered on board are not always certain to reach the parties for whom they were intended. Hence florists in interior cities having orders for the delivery of flowers to passengers on out-going steamers are advised to intrust the filling of such orders to some reliable florist in the port of departure, who understands the necessary details and formalities and has the facilities for attending to it properly. For the addresses of such firms we refer our readers to the advertisements on this page:

| FROM | TO | STEAMER | *LINE | DAY | DUE ABOUT |
|----------|-------------|--------------------|-------|----------------------------|-----------|
| New York | Liverpool | Lucania | 1 | Sat. Nov. 19, Noon. | Nov. 25 |
| New York | " | Umbria | 1 | Sat. Nov. 26, 7:30 a. m. | Dec. 2 |
| Montreal | " | Tunisian | 2 | Fri. Nov. 18, 2:00 p. m. | Nov. 26 |
| Montreal | " | Pretorian | 2 | Tues. Nov. 22, 11:00 a. m. | Nov. 31 |
| New York | Glasgow | Laurentian | 2 | Thur. Nov. 17, 11:00 a. m. | Nov. 27 |
| New York | " | Numidian | 2 | Thur. Nov. 24, Noon. | Dec. 3 |
| New York | Hamburg | Hamburg | 3 | Sat. Nov. 19, Noon. | Nov. 29 |
| New York | " | Pretoria | 3 | Sat. Nov. 26, 7:00 a. m. | Dec. 5 |
| New York | Copenhagen | Oscar II | 4 | Wed. Nov. 23, 2:00 p. m. | Dec. 1 |
| New York | Glasgow | Columbia | 5 | Sat. Nov. 19, 3:00 p. m. | Nov. 29 |
| New York | Manitou | Manitou | 6 | Sat. Nov. 19, 9:00 a. m. | Nov. 29 |
| New York | London | Minnetonka | 6 | Sat. Nov. 26, 7:30 a. m. | Dec. 5 |
| New York | Liverpool | Oceanic | 7 | Wed. Nov. 16, Noon. | N.v. 23 |
| New York | " | Majestic | 7 | Wed. Nov. 23, 10:00 a. m. | Nov. 30 |
| New York | Southampton | New York | 8 | Sat. Nov. 19, 9:30 a. m. | Nov. 25 |
| New York | " | St. Paul | 8 | Sat. Nov. 26, 9:30 a. m. | Dec. 1 |
| New York | Antwerp | Vaderland | 9 | Sat. Nov. 19, 10:30 a. m. | Nov. 27 |
| New York | " | Kronland | 9 | Sat. Nov. 26, 10:30 a. m. | Dec. 1 |
| New York | Havre | La Lorraine | 10 | Thur. Nov. 17, 10:00 a. m. | Nov. 26 |
| New York | " | La Gascogne | 10 | Thur. Nov. 24, 10:00 a. m. | Dec. 3 |
| New York | Rotterdam | Rotterdam | 11 | Wed. Nov. 16, 10:00 a. m. | Nov. 25 |
| New York | " | Ryodan | 11 | Wed. Nov. 23, 10:00 a. m. | Nov. 31 |
| New York | G'noa | Vincenzo | 12 | Wed. Nov. 16, 11:00 a. m. | Nov. 25 |
| New York | Bremen | K. Wil. Der Grosse | 13 | Tues. Nov. 22, 10:00 a. m. | Nov. 29 |
| Boston | Liverpool | Cestrian | 14 | Wed. Nov. 19, 4:00 p. m. | Nov. 26 |
| Boston | " | Devonian | 14 | Wed. Nov. 23, 9:30 a. m. | Dec. 2 |

*1 Cunard; 2 Allen-State; 3 Hamburg-American; 4 Scandinavian-American; Anchor Line. 6 Atlantic Transport; 7 White Star; 8 American; 9 Red Star; 10 French; 11 Holland-American; 12 Italian Royal Mail; 13 North German Lloyd; 14 Leyland; 15 Dominion.

DETROIT.

JOHN BREITMEYER'S
SONS

Cor. MIAMI and GRATIOT AVES.
DETROIT, MICH.

Artistic Designs. ***
High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Please mention the American Florist when writing.

CHICAGO.

P. J. HAUSWIRTH
Auditorium Annex,
CHICAGO.

Mail, telegraph or telephone orders filled promptly in best style.

Please mention the American Florist when writing.

OMAHA.

HESS & SWOBODA,
FLORISTS,

1415 Farnam Street, OMAHA, NEB.
Phone 1601 and L. 1682.

WASHINGTON.

Joseph R. Freeman,
FLORIST,

612 13th St. N.W., WASHINGTON, D. C.
Please mention the American Florist when writing.

ST. PAUL.

HOLM & OLSON,
ST. PAUL.

THE LEADING FLORISTS OF THE N. W.
Orders will be well cared for anywhere in Minnesota and the Dakotas.

Please mention the American Florist when writing.

SPRINGFIELD.

Mark Aitken
FLORIST.

388 Main St., Springfield, Mass.

MILLS THE FLORIST,
36 W. Forsyth Street,
JACKSONVILLE, FLA.

OUR DIRECTORY FOR 1904 WILL BE MAILED TO YOU PROMPTLY UPON APPLICATION. PRICE TWO DOLLARS.

KENNICOTT BROS. COMPANY

Our reputation has always been that we fill orders when others fail. All stock in season at lowest market rates. Following is the current market, subject to change:

PRICE LIST.

Chrysanthemums

Fancy, large.....\$2.50 to \$3.00 per dozen

AMERICAN BEAUTY

| | Per dozen |
|----------------------|-----------|
| 30-36-inch stem..... | \$3.00 |
| 24-inch stem..... | 2.50 |
| 20-inch stem..... | 2.00 |
| 16-inch stem..... | 1.50 |
| 12-inch stem..... | 1.00 |

Short stem \$4.00 to \$5.00 per 100

Chrysanthemums

Medium.....\$1.50 to \$2.00 per dozen

| | Per 100 |
|------------------------|------------------|
| Brides, and Maids..... | \$2.00 to \$6.00 |
| Meteors and Gates..... | 2.00 to 5.00 |
| Liberty..... | 3.00 to 6.00 |
| Carnations..... | 1.00 to 2.00 |
| Valley..... | 2.00 to 4.00 |
| Violets..... | .60 to 1.25 |

Chrysanthemums

Common75c to \$1.00 per dozen

| | Per 100 |
|-----------------------------------------|--------------|
| Ferns.....per 1,000, \$1.25 to 1.50, \$ | .15 |
| Galax, Green.....per 1000, \$1.25 | .15 |
| Galax, Bronze.....per 1000, 1.50 | .20 |
| Leucothoe.....\$6.00 per 1000 | .75 |
| Adiantum..... | .75 to 1.00 |
| Smilax.....per doz., \$1.50 | |
| Asparagus Sprengeri..... | 2.00 to 3.00 |
| Asparagus, per string, 40c to 50c | |

KENNICOTT BROTHERS COMPANY,

40-42-44 Randolph Street, CHICAGO.

R. C. HAYDEN, Sec'y and Treas.

WM. J. MUTH, Manager.

PHILADELPHIA CUT FLOWER CO.

(SUCCESSOR TO CHARLES F. EDGAR & CO.)

Wholesale Commission Florists

WE DAILY RECEIVE AND SHIP ALL THE

LEADING... VARIETIES of **CHRYSANTHEMUMS, ROSES, CARNATIONS** And Other Seasonable Flowers

1516-1518 Sansom Street,

Bell and Keystone Phones.
Open 7:30 a. m. to 8 p. m.

PHILADELPHIA, PA.

FANCY CUT FLOWERS A SPECIALTY.

If you want Choice Cut Flowers at any time or all the time, send to

CHARLES W. McKELLAR,

51 Wabash Avenue, CHICAGO.

Western Headquarters for Choice

ORCHIDS, FANCY VALLEY, VIOLETS BEAUTIES, TEA ROSES, CARNATIONS and CHRYSANTHEMUMS. Wild Smilax, Asparagus, Adiantum, Smilax, Fancy Ferns always in abundance. Also a complete line of all Florists' Supplies, Novelties and Wire Work.

LONG DISTANCE 'PHONE, CENTRAL 3598, AUTO. 3623.



BOUQUET GREEN

Best quality at lowest rates. We gather our own GREENS and bring by our own boat direct. Also CHRISTMAS TREES.

Northern Michigan Evergreen Nursery,
SCHOONER GEO. L. WRENN, S. W. Cor. Clark St.
H. Schuenemann, Capt. Bridge CHICAGO.

VIOLETS.

We make a specialty of
VIOLETS. ❀ ❀ ❀

ELI CROSS, Grand Rapids, Mich.

RICE BROTHERS

128 N. 6th St., MINNEAPOLIS, MINN.

Wholesale Cut Flowers and Supplies.

Wild Smilax | Flowers billed at Market Prices.
Shippers of choice Cut Flowers and Greens of all kinds. Try us.

Indianapolis Floral Co.

839 Ft. Wayne Avenue,

INDIANAPOLIS, IND.

WHOLESALE

Commission Florists.

ALL ORDERS PROMPTLY FILLED IN BEST POSSIBLE MANNER.

Consignments Solicited. We are in position to give prompt and liberal returns on all consignments.

WANTED, Bulbs.

We want to buy in lots of 1,000 to 10,000 each the following: TULIPS, select mixtures, CROCUS, HYACINTHS, separate colors mixed, NARCISSUS, all kinds, LILIES.

Please mention the American Florist when writing

CHAS. CHADWICK,

COR. FULTON & LAGRAVE,

Grand Rapids, Mich.

WHOLESALE and RETAIL FLORIST.

High-Grade Cut Blooms.

Carnations, Roses, 'Mums, Violets, Etc.

Choice American Beauties a Specialty.

Artistic Designs on Short Notice.

Good Shipping Facilities to all Michigan Points.

—A TRIAL ORDER SOLICITED.—

GALAX LEAVES AND Leucothoe Sprays.

J. G. LOVEN, Montezuma, N. C.

SINNER BROS.

Wholesale Growers and Shippers of **CUT FLOWERS**

58 WABASH AVENUE, CHICAGO, ILL.

With the Flower Growers' Co. Telephone—Central 3087.

All telephone and telegraph orders given prompt attention.

Always mention the American Florist when you order stock

HIGH-GRADE SOUTHERN WILD SMILAX.

SPECIAL FACILITIES FOR HANDLING LARGE ORDERS.

And Florists' Hardy Decorative Supplies. Prices Right.

WRITE, WIRE OR PHONE.

E. A. BEAVEN, (Formerly of Caldwell, The Woodsman Company) EVERGREEN, ALA.

The Seed Trade.

AMERICAN SEED TRADE ASSOCIATION.

Chas. N. Page, Des Moines, Ia., Pres.; L. L. May, St. Paul, Minn., First Vice-Pres.; C. E. Kendel, Cleveland, O., Sec'y and Treas. Twenty-third annual convention, June, 1905.

PRESERVED palm leaves are held to be dutiable at 50 per cent. Crosses made of birch bark and wood are held to pay 35 per cent.

LONDON, ONT.—Fire in Darch & Hunter's seed store damaged a large quantity of seeds and bulbs, with a total loss of \$10,000, which is entirely covered by insurance.

SHENANDOAH, IA.—The A. A. Berry Seed Company has been incorporated with a capital stock of \$75,000. A. A. Berry is president and W. C. Affel secretary of the new company.

LILIUM CANDIDUM is very short. There is a lively condition and shortages in certain lines of bulbs will cause a tight situation as soon as a cold spell sets in. There has been a good, steady volume of business in regular lines, and the change of weather is awaited to make the next turn.

MESSRS. WOOD, BURPEE AND STOKES have been appointed a committee of three representing the Wholesale Seedsmen's League, to address a letter to the President of the United States and the Secretary of the Treasury to ask that the former practice, revoked July 15, 1901, of furnishing information in the possession of the customs appraisers as to values at date of shipment to importers be again put into effect.

Only Wild Ginseng Wanted.

Ginseng buyers in a large wholesale way report that the cultivated roots of this article are not wanted by the Chinese and are instructing their agents to purchase only the wild roots gathered from the woods. The Chinese claim, it is said, that the wild roots possess different properties from the cultivated ones.—J. C. VAUGHAN.

Various Heating Queries.

ED. AM. FLORIST:—We are heating our plant of something like 110,000 feet of glass from four different points with an aggregate boiler capacity of 300-horse power, all return flue boilers. Some of the above boilers are, however, extra boilers. We used a total of 1,150 tons of coal last year. Was not that too much for stock that only required a medium temperature—stock for store trade, including violets, carnations and roses? Our winters are like those of southern Missouri, and our houses in good condition. We burned mostly pea coal at a cost of \$1.75 per ton f. o. b. our city. We are expecting to concentrate our heating plant at one point and use mostly our boilers on hand which are in good condition. Is there any economy in using water tube boilers? We have heard there is a saving of ten per cent in coal bills with them. How about the mechanical stoker? Can we save another ten per cent there? An early answer to the above will oblige, as winter is coming. T.

While the amount of coal stated would

not be large in the more northern states when burned under conditions like those described, it would be somewhat excessive in a milder climatelike that of southern Missouri. By using a central heating plant, a considerable saving could be made in fuel as well as in expense of firing and the maintenance of the plant. Whether water-tube boilers and a mechanical stoker should be used will depend a good deal on the cost of the different grades of coal. For a plant requiring a 300-horse power boiler and where pea coal can be secured twenty-five per cent cheaper than a good grade of steam lump, mechanical stokers will be found a profitable investment, and water tube boilers are also quite economical. For such a plant as is described, however, a 150-horse power horizontal tubular boiler will supply the heat in ordinary winter weather and with another of the same size in reserve for use in case of accidents, and during severe weather, a very efficient and economical system will be secured.

L. R. T.

Catalogues Received.

California Rose Company, Los Angeles, Cal., roses; Nanz & Neuner, Louisville, Ky., bulbs, plants, etc.; Bay State Nurseries, North Abington, Mass., nursery stock; Old Colony Nursery, Plymouth, Mass., nursery stock; The Tottenham Nurseries, Ltd., Dedemsvaart, Holland, nursery stock; T. S. Hubbard Company, Fredonia, N. Y., grave vines; Pomona Nurseries, Palmyra, N. J., nursery stock; Peter Henderson & Company, New York, bulbs, plants and seeds; William Elliott & Sons, New York, bulbs; Henry F. Michel Company, Philadelphia, Pa., bulbs, seeds and supplies; E. F. Winter-son Company, Chicago, bulbs; J. W. Behus, New York, plants and bulbs; Vaughan's Seed Store, Chicago, bulbs, plants and seeds; Pennell & Sons, Lincoln, Eng., clematis, roses, etc.; Nathan Smith & Son, Adrian, Mich., florists' stock and hardy plants; Goos & Koene-mann, Nieder-Walluf, (Rheingau) Germany, plants; Hjalmar Hartmann & Company, Copenhagen, Denmark, bulbs and plants; Vve E. Kerkvoorde & Fils, Wetteren, Belgium, nursery stock; L. F. Dintelmann, Belleville, Ill., nursery stock; Schlegel & Fottler Company, Boston, Mass., bulbs, plants, etc.; Otto Katzenstein & Company, Atlanta, Ga., seeds, bulbs, etc.; The Dingee & Conard Company, West Grove, Pa., bulbs, plants, etc.; William Paul & Sons, Waltham Cross, Herts, Eng., nursery stock; P. J. Berckmans Company, Augusta, Ga., nursery stock; Shatemuc Nurseries, Barrytown, N. Y., hardy perennials; The Austin Nursery, Austin, Texas, nursery stock; The Fraser Nursery, Huntsville, Ala., nursery stock; Barbier & Company, Orleans, France, nursery stock; Reasoner Brothers, Oneco, Fla., plants and trees; James B. Wild & Brothers, Sarcoxie, Mo., nursery stock; R. & J. Farquhar & Company, Boston, Mass., bulbs.

NEW HARDY ANNUAL.

The Gold Medal Carmine-Flowered Tobacco Plant

Nicotiana Sanderæ

Silver Medal Massachusetts Horticultural Society, Boston, November 3, 1904.

Seeds in original packets from all seedsmen throughout the United States.

Gold Medal, London, 1903. Gold Medal, Royal Horticultural Society of England, 1904. First-class Certificate and Barksean Medal by 24 members of Floral Committee, R. H. Society.

Particulars, colored illustrations, etc., from

SANDER & SONS, ST. ALBANS, ENGLAND.

WHOLESALE AGENTS FOR THE UNITED STATES:

HENRY A. DREER, Chestnut St., Philadelphia, Pa. J. M. THORBURN, Corlandt St., New York. VAUGHAN'S SEED STORE, Chicago and New York.

Please mention the American Florist when writing.

Seed Bags

FOR THE TRADE.

We manufacture a full line in Manila, White, Amber or Colored Laid Papers. Also print in quantities.

Samples on application.

— THE —

Brown Bag-Filling Machine Co.

FITCHBURG, MASS.

Please mention the American Florist when writing.

RAFFIA

SAMPLES FREE.

We carry a large assortment of COLORED RAFFIA GRASS on hand for immediate delivery. Every strand is dyed its entire length.

PRIME QUALITY.

R. H. COMEY CO.

Dyers, Camden, N. J.

Please mention the American Florist when writing.

STRAW MATS

6x6 ft., \$20.00 per doz.

WM. ELLIOTT & SONS, New York.

LILY OF THE VALLEY

Forcing pips. Very fine variety. Apply to

JULIUS HANSEN,
Pinneberg, Germany.

White Romans.

| Bulbs Ctns. | Per 100; | Per 1000 | Per Case. |
|---------------|----------|----------|-------------------|
| 12 to 15..... | \$2 75; | \$24.00; | 2,000 for \$47.00 |
| 13 to 15..... | 3.25; | 28.00; | 1,800 for 49.00 |

ARTHUR T. BODDINGTON, Seeds, Bulbs, Plants, **NEW YORK.**
342 West 14th St.,

DON'T WORRY.

When you want Flowers you want them quick, you want them good and you want them at the right prices.

We can give you the best that the market affords, because we make a specialty of growing those varieties best suited to the shipping trade, and we don't do any thing else. If you want them quick remember us, because every department of our business is organized to give the quickest service with the greatest accuracy.

Our price lists which we issue every week will show you whether our prices are right or not. If you want it let us know and we will put you on the mailing list.

WEILAND & RISCH,

Leading Western Growers and Shippers of Cut Flowers,
59 Wabash Avenue, CHICAGO.

Please mention the American Florist when writing.

NOW IS THE TIME TO SOW

Vaughan's Giant-Flowered Cyclamen Seed.



Our seed has been grown by us by a Cyclamen specialist in Europe. This is the third season we are handling his entire crop. The seed is saved only from perfect plants. Shape and size of flowers, foliage and stems and general habit are points on which our seeds are selected. There is no better Cyclamen seed in the market.

| | |
|------------------------------------------|-----------------------|
| Pure White (Mont Blanc)..... | 100 seeds, 65c; |
| Dark Crimson..... | 1000 seeds, \$5.00. |
| Rosa von Marienhal, "Daybreak" Pink..... | 250 seeds at the 1000 |
| Dark Rose..... | rate. |
| White with carmine eye..... | |

RURIN, new, the darkest good red, 100 seeds, \$1.50.
 WHITE FRINGED, very fine flower, 100 seeds, \$1.00.
 EXTRA CHOICE MIXED, per 100 seeds, 50c; 250 seeds, \$1.15; 1000 seeds, \$4.50; 5000 seeds, \$20.00.

NEW GIANT ORCHID—Flowered Cyclamen.

These are exceptionally fine, with very large flowers that are frilled and fringed in wonderful fashion. They are splendid sellers in the Chicago market and our seed is direct from the originator.

| | |
|------------------------------------------|------------------------------|
| Pure White, Red, Pink..... | Each, per 100 seeds, \$1.00. |
| White, with Carmine Eye, Lilac Colored { | 1000 seeds, \$9.00. |

GIANT ORCHID-FLOWERED CYCLAMEN in choicest mixture, 25 seeds, 25c.
 100 seeds, 85c; 1000 seeds, \$8.00.

10 PER CENT SPECIAL CASH DISCOUNT. On orders over \$2.00 the cash is enclosed. 10 per cent. for Flower Seeds if Asparagus Seed. Cash discount on this is 2 per cent.

VAUGHAN'S SEED STORE,

NEW YORK:

14 Barclay Street.

CHICAGO:

84-86 Randolph Street.

GREENHOUSES: WESTERN SPRINGS, ILL.

SUCCESSFUL SELLERS.....

are the Successful growers who advertise in

THE AMERICAN FLORIST.

The Nursery Trade

AMERICAN ASSOCIATION OF NURSERYMEN.

E. W. Kirkpatrick, McKiuney, Tex., Pres.;
C. L. Watrous, Des Moines, Ia., Vice-Pres.;
George C. Seager, Rochester, N. Y., Sec'y.
Thirtieth annual convention, West Baden
Springs, Ind., June, 1905.

KANSAS CITY, MO.—The forty-seventh annual meeting of the Missouri Horticultural Society will be held at Neosho, December 20, 21 and 22.

WORCESTER, MASS.—At the annual meeting of the Worcester County Horticultural Society O. B. Hadwen, of Worcester was re-elected president, and A. A. Hixon, of Worcester, secretary and librarian. The appropriation for premiums at the weekly exhibitions next year were \$1,000 for plants and flowers, \$800 for fruit, \$650 for vegetables, and \$300 was appropriated for winter meetings.

Massachusetts Horticultural Society.

The society Saturday last, at Arlington, gave its exhibition of the ways and means of exterminating gypsy and brown tail moths. About 1,000 people were in attendance at Russell park, where Professor A. H. Kirkland, of Boston, lectured on the San Jose pear scale, the gypsy and brown tail moths and the methods of destroying these pests. Harold L. Frost, of Arlington, also gave demonstrations of the hand and machine sprayers. Many of the tree wardens of the infected district in the neighboring towns were present, and obtained ideas for fighting these pests. The board of directors has arranged for the appropriations for next year, and also extended an invitation to the American Carnation Society to hold its exhibition and convention for 1906 in Boston. The garden committee on Tuesday of this week visited the greenhouses of H. H. Rogers at Fairhaven, Mass., James Garthly, gardener. Mr. Rogers has entered his house of chrysanthemums for the society's prizes. On Thursday the committee visited the place of Joseph H. White, at Brookline, James Wheeler, gardener, who has entered greenhouses of foliage plants and roses for the society's prizes. H. P. S.

Newport, R. I.

We have had good business in all lines for this between-times season of the year; our florists have had a good run of funeral work. At the funeral of Joseph S. Allan quantities of flowers were used. There have also been several weddings, and the cut flower counter trade since the hard freezes of last week has improved considerably. Chrysanthemums have been plentiful, but from past experience our florists have found that nothing is gained by cutting prices, so our market has held quite steady and in one way and another the stock has been worked off. Chrysanthemums at retail have brought \$1.50 to \$3 a dozen, except very special Ivory and Bonnaffon, which brought \$5 and \$6 the dozen on the avenue. Roses, carnations and violets have been somewhat neglected for a few days; chrysanthemums hold the lead for the moment. Bulbs are going well, especially narcissus of all sorts and tulips. The weather is fairly cold and pleasant.

The first regular meeting for November of the Newport Horticultural Society

took place last Wednesday evening in Mercury hall with President Sullivan in the chair. The various committees in charge of the annual ball reported that all would be ready December 25. Alexander McWilliams, head gardener to T. M. Davis at The Reef, on Ocean avenue, was proposed for active membership. The president announced the death of Joseph S. Allen, one of our most esteemed members, and by a unanimous vote a committee was chosen to prepare fitting resolutions to send to his family. Our charter will also be draped for thirty days. The meeting adjourned to November 16; the attendance was very good.

A large delegation of our florists and gardeners attended the Boston show, and all were enthusiastic over the beautiful display made by the Massachusetts Horticultural Society and Chrysanthemum Society of America. The following members of the Newport Horticultural Society went: Alexander McLellan, David McIntosh, Andrew S. Meikle, Alexander Anderson, James Boyd, John B. Urquhart, Alexander McWilliams, Colin Robertson, Stewart Ritchie, Arend Brandt, Andrew J. Pow, Donald F. Shepherd, Paul Volquardsen, Daniel J. Coughlin, James Robertson, Benjamin M. Anthony and William Miller.

Wadley & Smythe will very soon now close their store on Bellevue avenue for this season. They report an active trade the last few weeks; the prices for this week are as follows: Chrysanthemums \$5 to \$6 a dozen, American Beauty roses \$6 a dozen, Violets \$1.50 a bunch of fifty flowers and valley \$2.50 for twenty-five. They have just done a very elaborate decoration in New York for the Erving-Rutherford wedding, using quantities of orchids, valley, roses and other choice flowers.

The funeral of Joseph S. Allan was largely attended, as every one who knew him held him in the greatest esteem. The funeral procession, composed of delegations from many societies of which the deceased was a member, was headed by the United States band from Fort Adams. At the church the floral tributes completely filled the chancel, which was beautifully decorated with bay trees and palms.

On November 3 the George A. Weaver Company's store was closed from 11 a. m. to 2 p. m., during the funeral of Mr. Weaver's sister, Mrs. W. Howard Greene. Mrs. Greene's death had been expected for some time, as a long illness of typhoid fever left little hope of her recovery. The employees of the Weaver Company sent an elegant wreath of Ivory chrysanthemums, Bride roses and violets.

Clucas & Boddington Company, of New York, were represented here this week by Harry A. Bunyard, who says that business in the bulb line has been good. N.

Northampton, Mass.

It would seem the method of advertising adopted by H. W. Field, the florist, last week, would be worth imitation by establishments like his, growing a variety of plants and flowers for the local trade. A two days' chrysanthemum show was announced to take place at his greenhouses, which are not far from the business part of the city. The generous way everything was conducted made a visit worth while to anyone. In the afternoon an orchestra was provided. In the evening, in addition to the electric light system, dozens of Chinese lanterns were

placed throughout the entire range. Mr. Sinclair, the superintendent, deserves great credit for the excellent appearance of the stock. The chrysanthemums were well grown and at their prime. We noticed fine blocks of Pennsylvania, Philadelphia, Peter Kay, Appleton, Bonnaffon, A. Byron, Wanamaker, W. H. Chadwick, Jerome Jones and Maud Dean. About 12,000 are grown and about thirty varieties were represented. The plants which were in 6-inch pots were just right, well clothed with foliage, dwarf and bushy. Alice Byron makes a nice pot plant for white. Ivory, Pink Ivory and Bonnaffon were largely used. Considerable space is given to carnations, some 10,000 being grown. Enchantress is leading all others in size and quantity of the blooms. Standard varieties are depended on for the main supply, although Mr. Sinclair has some creditable seedlings coming along. The naming of one, which is scarlet and to which considerable space has been given, was a feature of the exhibition. This variety, which in some respects resembles Estelle, is a good grower and free bloomer. Several hundred names were placed in the ballot-box and the committee of fifteen appointed to determine the name decided on Prospector, given by Miss Evelyn Canning, of Northampton.

The new rose house erected by Lord & Burnham the past summer is a fine structure, the varieties grown being Bride, Bridesmaid, Perle and Saffrano. A 150-foot violet house is producing an abundance of bloom. Among the other plants the cyclamen are exceptionally good. It would be hard to imagine how they could be grown better. Quite a large stock in 6-inch, 7-inch and 8-inch azalea pots will be fine for Christmas. Lorraine begonias and the various ferns, azaleas and bulbous stock, are represented in large quantities. It seems amazing how a business grows when backed up with enterprise. Only a few years ago the plant consisted of a 24-foot greenhouse. There is now over 40,000 feet under glass. The products of the greenhouses are handled at a finely arranged and well located store on the main street, and Mr. Field is to be congratulated on his success in managing his business.

F. C.

CHOICE CALIFORNIA PRIVET.

Well Branched and Rooted.

| | | | |
|----------------------|---------|----------------------|---------|
| 3-yr. old. Per 100 | 1000 | 2-yr. old. Per 100 | 1000 |
| 3 to 4 feet...\$3.00 | \$28.00 | 3 to 4 feet...\$2.50 | \$22.50 |
| 2 1/2 to 3 feet 2.50 | 22.50 | 2 to 3 feet... 2.10 | 18.50 |
| 2 to 2 1/2 feet 2.00 | 17.00 | 1 1/2 to 2 feet 1.60 | 13.50 |

Packing free. Cash with order. 5% OFF FOR CASH.

ATLANTIC COAST NURSERIES,

Office, 606 4th Avenue, Asbury Park, N. J.
Please mention the American Florist when writing.

TREES and SHRUBS.

FINE VARIETIES. LOW PRICES.

For both Wholesale and Retail Trade. Send for catalogue.

Peterson Nursery, Lincoln & Peterson Aves.,
CHICAGO, ILL.

Please mention the American Florist when writing.

When in Europe come and see us and inspect our extensive Nurseries. Gouda is our railroad depot.

HARDY, FANCY ORNAMENTAL NURSERY STOCK.

J. Blaauw & Co.,

BOSKOOP, HOLLAND.

Catalogue free on demand. Headquarters for the famous Colorado Blue Spruces, purest, bluest strain
Please mention the American Florist when writing.

DREER'S HARDY PERENNIALS.

During the past season we have considerably extended our stock of Hardy Perennials, which is now not only the most extensive and most complete in the country, but is in better condition than ever before.

FOR A MORE COMPLETE LIST SEE OUR CURRENT WHOLESALE LIST.

| | Doz. | 100 | | Doz. | 100 | | Doz. | 100 |
|-------------------------------------------------------------------------------------------------------------------|--------|---------|-------------------------------------------------------|------|-------|-----------------------------------------------------------------|------|-------|
| Acanthus Latifolius, 4-in. pots | \$5.00 | \$15.00 | Chrysanthemum Maximum Triumph | .75 | 6.00 | Hypericum Moserianum, strong 1-year-old | 1.00 | 8.00 |
| Mollis, 4-in. pots | 2.00 | 15.00 | Maximum Polifloris, strong divisions | .75 | 6.00 | Hollyhocks, strong 1-year-old plants | 1.00 | 8.00 |
| Aconitum Fisheri, strong | 1.25 | 10.00 | Nipponicum, strong plants | 1.00 | 8.00 | Double White, Red, Pink, Yellow | | |
| Napellus, strong | 1.25 | 10.00 | Cimicifuga Acetosa or Japonica, strong plants | 2.00 | 15.00 | Salmon, Maroon | 1.50 | 10.00 |
| Autumale, strong | 1.25 | 10.00 | Dahurica, strong plants | 2.00 | 15.00 | Allegheny | 1.00 | 8.00 |
| Achillea Filipendula, strong divisions | .75 | 6.00 | Racemosa | 1.00 | 8.00 | Single Choice Mixed | 1.00 | 8.00 |
| Millefolium Roseum, 3-in. pots | .75 | 5.00 | Clematis Davidiana, 1-year-old | .75 | 6.00 | Iberis Sempervivens, strong plants | .75 | 5.00 |
| "The Pearl," 3-in. pots | .75 | 5.00 | Integrifolia, strong plants | 1.00 | 8.00 | Heurvillea Delavayi, strong roots | 1.50 | 10.00 |
| Eupatorium, strong divisions | 1.00 | 8.00 | Recta, 2-year-old | 1.00 | 8.00 | Iris Kamperi, 24 varieties | 1.50 | 10.00 |
| Adonis Pyrenaica, strong | 1.50 | 12.00 | Coreopsis Lanceolata, heavy 4-in. pots | .60 | 4.00 | Iris Kamperi, choice mixed | 1.00 | 8.00 |
| Vernalis, strong | 1.00 | 8.00 | Delphinium Chinese, 1-year seedlings | .75 | 5.00 | Iris Germanica, 12 varieties | .75 | 6.00 |
| Ajuga Revenus, strong divisions | .75 | 6.00 | Chinese Alba, 1-year seedlings | .75 | 5.00 | Iris Germanica, choice mixed | .60 | 4.00 |
| Reptans Variegata, strong divisions | 1.00 | 8.00 | Formosum, 1-year seedlings | .75 | 6.00 | Iris Sibiri ca Orientalis, strong divisions | 1.00 | 8.00 |
| Alyssum Saxatile Compactum, 3-in. pots | .75 | 6.00 | Hybridum, 1-year seedlings | .75 | 6.00 | Iris Pseudo Acorus, strong divisions | 1.00 | 8.00 |
| Anemone Saxatilis, strong | 1.25 | 10.00 | Sulphureum, 2-year-old corns | 1.50 | 12.00 | Iris Pseudostachia, 1-year-old roots | .75 | 6.00 |
| Anemone Italica, field-grown | .75 | 6.00 | Dianthus Barbatus, (Sweet William) | .50 | 4.00 | Scariosa, 1-year-old roots | .75 | 6.00 |
| Anemone Japonica. The following varieties can be supplied at 75 cents per doz.; \$5.00 per 100; \$50.00 per 1000: | | | Napoleon III., 4-in. pots | 1.50 | 10.00 | Spicata, 1-year-old roots | .75 | 6.00 |
| Japonica Alba, Lady Ardilaun | | | Plumarius, (See Hardy Pinks) | | | Gramineifolia, 1-year-old roots | .75 | 6.00 |
| Queen Charlotte and Whirlwind | | | | | | Lavandula Vera (Lavender) 3-in. pots | .75 | 6.00 |
| Pennsylvanica, 3-in. pots | \$0.75 | \$ 5.00 | Dietams Fraxinella, pink 2-year-old | 1.00 | 8.00 | Linum Perenne, 1-year-old seedlings | .75 | 6.00 |
| Sylvestris, 3-in. pots | .75 | 6.00 | Fraxinella Alba, 2-year-old | 1.25 | 10.00 | Alba 1-year-old seedlings | .75 | 6.00 |
| Sylvestris Eliza Fellman, (new) 3-in. pots | 1.50 | 12.00 | Digitalis Gloxinifolia, strong 4-in. pots | .75 | 6.00 | Linodolia Longifolia, strong divisions | 1.25 | 10.00 |
| Aquilegia Chrysantha, 4-in. pots | .75 | 6.00 | Grandiflora, strong 4-in. pots | .75 | 6.00 | Lithospermum Celestinum | 1.25 | 10.00 |
| Caryophyllodes, 4-in. pots | .75 | 6.00 | Lanata, strong 4-in. pots | .75 | 6.00 | Lobelia Cardinalis, strong | .75 | 6.00 |
| Candensis, 3-in. pots | .75 | 6.00 | Dielstra Spectabilis, strong clumps | .75 | 6.00 | Lysimachia Clethroides, strong divisions | .75 | 6.00 |
| Nivea Grandiflora, 4-in. pots | .75 | 6.00 | Formosa, strong clumps | 1.00 | 8.00 | Ciliata, strong plants | .75 | 6.00 |
| Skinneri, 4-in. pots | .75 | 6.00 | Doronicum Austriacum, divisions | 1.00 | 8.00 | Nummularia Aurea | .50 | 4.00 |
| Vulgaris, 4-in. pots | .75 | 6.00 | Excelsum, divisions | 1.00 | 8.00 | Nummularia Aurea | .75 | 6.00 |
| fl. pl. 4-in. pots | .75 | 6.00 | Echinops Ritro, strong plants | 1.00 | 8.00 | Punctata, strong divisions | .75 | 6.00 |
| Arabis Alpina, 3-in. pots | .60 | 5.00 | Sphaerophalus, strong plants | 1.00 | 8.00 | Lythrum Roseum Superbum, strong | 1.00 | 8.00 |
| Alpina plena, field-grown | 1.00 | 8.00 | Epimedium Lilacea, lilac | 1.50 | 12.00 | Lychnis Alpina, strong plants | .75 | 6.00 |
| Arenaria Balearica, 3-in. pots | 1.00 | 8.00 | Muscianum, creamy white | 1.50 | 12.00 | Lychnis Alpina Alba, strong plants | .75 | 6.00 |
| Armeria Maritima Splendens, 3-in. pots | .75 | 6.00 | Niveum, pure white | 1.50 | 12.00 | Haageana, 3-in. pots | .75 | 6.00 |
| Maritima Alba, field-grown, 3-in. pots | .75 | 6.00 | Sulphureum, light yellow | 1.50 | 12.00 | Chalcedonia (Red Maltese Cross) | .75 | 6.00 |
| Artemisia Abrotanum, strong | .75 | 6.00 | Erigeron Glaucus, strong plants | .75 | 6.00 | Alba (White Maltese Cross) | .75 | 6.00 |
| Purshiana, strong | .75 | 6.00 | Glabellus, strong plants | .75 | 6.00 | Carnea (Pink Maltese Cross) | .75 | 6.00 |
| Stellaria, strong | .75 | 6.00 | Caruleus Speciosus, strong plants | .75 | 6.00 | Viscaria Double Red, clumps | 1.25 | 10.00 |
| Asclepias Tuberosa, strong | .75 | 6.00 | Eryngium Amethystinum, strong plants | 1.50 | 12.00 | Lotus Corniculatus, strong divisions | 1.25 | 10.00 |
| Aubreyia Hendersoni | 1.25 | 10.00 | Agavefolium, 4-in. pots | 1.25 | 10.00 | Mertensia Virginica, strong roots | 1.00 | 8.00 |
| Leichtlini | 1.25 | 10.00 | Maritimum, strong plants | 1.50 | 12.00 | Mentha Piperita, 3-in. pots | .50 | 4.00 |
| Graeca | 1.25 | 10.00 | Planum, strong plants | 1.00 | 8.00 | Variegata, 3-in. pots | 1.00 | 8.00 |
| | | | Yuccaefolium, strong clumps | 1.00 | 8.00 | Monarda Didyma, 3-in. pots | .75 | 6.00 |
| | | | Eupatorium Celestinum, 3-in. pots | .75 | 6.00 | Rosea, 3 in. pots | .75 | 6.00 |
| | | | Ageratoides, strong plants | .75 | 6.00 | Splendens, 3 in. pots | .75 | 6.00 |
| | | | Purpureum, strong plants | .60 | 4.00 | Fistulosa Alba, clumps | .75 | 6.00 |
| | | | Serotinum, strong plants | .75 | 6.00 | Morina Longifolia, 4-in. pots | 1.25 | 10.00 |
| | | | Euphorbia Corolata, 3-in. pots | .60 | 4.00 | Myosotis Palustris Sempervivens | .60 | 4.00 |
| | | | Funkia Cerulea, (Blue Day Lily) | .60 | 4.00 | Alpestris Robusta Grandiflora | .50 | 3.00 |
| | | | Glaucia | 1.00 | 8.00 | Euotera Fraseri, strong plants | 1.00 | 8.00 |
| | | | Subcordata Grandiflora, (White Day Lily) | .75 | 6.00 | Fruticosa, strong plants | 1.00 | 8.00 |
| | | | Undulata Media Picta, (Variegated Day Lily) | .75 | 6.00 | Missouriensis, 3-in. pots | .75 | 6.00 |
| | | | Thos Hogg | .75 | 6.00 | Pigmy, strong plants | 1.00 | 8.00 |
| | | | Gaillardia Grandiflora, 4-in. pots | .75 | 6.00 | Speciosus, strong plants | 1.00 | 8.00 |
| | | | Gaillardia Officinalis, strong plants | 1.00 | 8.00 | Youngi, strong plants | 1.00 | 8.00 |
| | | | Alba, strong plants | 1.00 | 8.00 | Ononis Spinosa, 3-in. pots | 1.25 | 10.00 |
| | | | Geranium Sangueum, strong divisions | .75 | 6.00 | Rotundifolia, 3-in. pots | 1.25 | 10.00 |
| | | | Sanguineum Album, strong divisions | .75 | 6.00 | Omphalodes Verna, 1-year-old | 1.00 | 8.00 |
| | | | Geum Atroroseum, fl. pl. | .75 | 6.00 | Alba, 1-year-old | 1.01 | 8.00 |
| | | | Heldreichi | .75 | 6.00 | Orobis Latyroides, strong divisions | 1.50 | 12.00 |
| | | | Moutanum | .75 | 6.00 | Venus, strong divisions | 1.50 | 12.00 |
| | | | Glechoma, (Nepeta) Variegata | .75 | 6.00 | Papaver Orientalis, (The Oriental Poppy) | .75 | 6.00 |
| | | | Gillenia Trifoliata, strong plants | 1.00 | 8.00 | Nudicaule (Iceland Poppy), strong | .65 | 5.00 |
| | | | Gypsophila Paniculata | .75 | 6.00 | Pachysandra Terminalis, strong | 1.00 | 8.00 |
| | | | Acutifolia | 1.25 | 10.00 | Pandanus Sinensis, strong divisions | .50 | 4.00 |
| | | | Cerastoides | .75 | 6.00 | Paeonias, double herbaceous, 50 vars | 2.00 | 15.00 |
| | | | Rapans, 3-in. pots | 1.00 | 8.00 | Paeonias, double white, mixed | 1.50 | 12.00 |
| | | | Helenium Autumnale Superba, strong divisions | 1.00 | 8.00 | Paeonias, double red mixed | .75 | 6.00 |
| | | | Bolanderi, strong divisions | 1.00 | 8.00 | Paeonias, double pink, mixed | .75 | 6.00 |
| | | | Grandifolium Striatum, strong divisions | .75 | 6.00 | Paeonias, double, all colors mixed | .75 | 6.00 |
| | | | Hoopeii, strong plants | .75 | 6.00 | Pentstemon Barbatus Torreyi, strong | 1.00 | 8.00 |
| | | | Helianthus Davidiana, strong divisions | .75 | 6.00 | Diffusus, strong plants | .75 | 6.00 |
| | | | Meteor, strong divisions | .75 | 6.00 | Digitalis, strong plants | .75 | 6.00 |
| | | | Multiflorus, fl. pl., strong divisions | .75 | 6.00 | Glaber Hybrid, strong plants | 1.25 | 10.00 |
| | | | Multiflorus Maximus, strong divisions | .75 | 6.00 | Grandiflorus, strong plants | 1.25 | 10.00 |
| | | | Maximiliana, strong divisions | .75 | 6.00 | Heterophyllus, strong plants | 1.00 | 8.00 |
| | | | Miss Mellish, strong divisions | .75 | 6.00 | Gentianoides, 3-in. pots | .75 | 6.00 |
| | | | Mollis, strong divisions | .75 | 6.00 | Pubescent, strong plants | 1.00 | 8.00 |
| | | | Oryalis, strong divisions | .75 | 6.00 | Smalli, strong plants | 1.00 | 8.00 |
| | | | Rigidus, strong divisions | .75 | 6.00 | Petasites Japonicus Giganteus, strong | 1.25 | 10.00 |
| | | | Solei d'Or, strong divisions | .75 | 6.00 | Phlox, Hardy Perennial, 25 choice varieties, 1-year field-grown | .75 | 5.00 |
| | | | Tomentosus, strong divisions | .75 | 6.00 | Carolina | .75 | 5.00 |
| | | | Volley Bold, strong divisions | .75 | 6.00 | Divaricata Canadensis | .75 | 5.00 |
| | | | Heliospis Pteridifolia, strong divisions | .75 | 6.00 | Physalis Francheti, 3-in. pots | .75 | 6.00 |
| | | | Scaber Major, strong plants | .75 | 6.00 | Physostegia Virginica, strong divisions | .75 | 6.00 |
| | | | Hemerocallis Aurantica Major, strong divisions | 3.50 | 25.00 | Virginica Alba, divisions | .75 | 6.00 |
| | | | Dumortieri, strong divisions | .75 | 6.00 | Denticulata, strong divisions | .75 | 6.00 |
| | | | Flava (Yellow Day Lily) strong divisions | .60 | 4.00 | Pinks, hardy garden, in 8 choice vars. | .75 | 6.00 |
| | | | Florham (New) strong divisions | 3.50 | 25.00 | Platyodon Mariesi, 2-yr-old roots | .75 | 6.00 |
| | | | Fulva (Tawny Day Lily) strong divisions | .60 | 4.00 | Grandiflorus, blue, 2-yr-old roots | .75 | 6.00 |
| | | | Kwanso, fl. pl. (Double Orange Lily) strong divisions | .60 | 4.00 | Album, white, 2-yr-old roots | .75 | 6.00 |
| | | | Middendorfi, strong divisions | .75 | 6.00 | Polygonum Cuspidatum, strong | 1.25 | 10.00 |
| | | | Thunbergii, strong divisions | .75 | 6.00 | Compactum, strong plants | 1.00 | 8.00 |
| | | | Hibiscus Moschutos, strong | .75 | 6.00 | Pedophyllum Peltatum, strong roots | .60 | 4.00 |
| | | | Moschutos, "Crimson Eye," strong | .75 | 6.00 | Potentilla Phoenix, strong divisions | 1.00 | 8.00 |
| | | | Milneri, strong 2-year-old | .75 | 6.00 | Polemonium Ceruleum, strong | .75 | 6.00 |
| | | | Hepatica Angulosa, 3-in. pots | 1.00 | 8.00 | Richardsoni, strong divisions | .75 | 6.00 |
| | | | Trifolia, 3-in. pots | .75 | 6.00 | Alba, strong divisions | .75 | 6.00 |
| | | | Besperi Matronalis (Rocket) strong plants | .75 | 6.00 | Repans | .75 | 6.00 |
| | | | Hieracium Aurantiacum, 3-in. pots | .75 | 6.00 | Polygonatum Majus | 1.00 | 8.00 |
| | | | | | | Pulmonaria Saecularata Maculata | 1.50 | 10.00 |
| | | | | | | Stokesia Cyanea, strong plants | 1.00 | 8.00 |
| | | | | | | Thalictrum Aquilegifolium Album | 1.50 | 12.00 |
| | | | | | | Aquilegifolium Atropurpureum | 1.00 | 8.00 |
| | | | | | | Roseum | 1.25 | 10.00 |
| | | | | | | Adiantifolia | 1.00 | 8.00 |
| | | | | | | Mitun | .75 | 6.00 |
| | | | | | | Thermopsis Fabacea, strong plants | 1.00 | 8.00 |

HENRY A. DREER,

714 CHESTNUT STREET,

PHILADELPHIA, PA.

Our Pastimes

Announcements of coming contests or other events of interest to our bowling, shooting and sporting readers are solicited and will be given place in this column.

Address all correspondence for this department to J. H. Pepper, 42 West 28th St., New York; Robt. Kilt, 1725 Chestnut St., Philadelphia; or to the American Florist Co., Chicago.

At Chicago.

The bowlers rolled at Thompson's alleys November 8. The Lambros team won from the Winterson team and the Asmus team defeated the Hauswirth team. The score:

| LAMBROS TEAM. | | | |
|---------------|-----|-----|-----|
| Lambros | 152 | 170 | 163 |
| Huebner | 148 | 111 | 170 |
| Callas | 174 | 169 | 145 |
| Veason | 155 | 151 | 165 |
| Forester | 172 | 214 | 202 |

| WINTERSON TEAM. | | | |
|-----------------|-----|-----|-----|
| Scott | 144 | 185 | 139 |
| Winterson | 175 | 145 | 130 |
| Pruner | 111 | 172 | 124 |
| Stevens | 170 | 172 | 125 |
| Haage | 161 | 113 | 158 |

| HAUSWIRTH TEAM. | | | |
|-----------------|-----|-----|-----|
| Balluff | 152 | 172 | 164 |
| Klunder | 88 | 141 | 106 |
| Kreithing | 191 | 132 | 106 |
| Jappe | 102 | 134 | 120 |
| Bencke | 134 | 177 | 119 |

| ASMUS TEAM. | | | |
|-------------|-----|-----|-----|
| Daly | 95 | 98 | 163 |
| Hunt | 120 | 110 | 97 |
| Beamer | 156 | 167 | 126 |
| Stollery | 148 | 150 | 144 |
| Asmus | 176 | 157 | 164 |

The present standing of the teams is as follows:

| | Won. | Lost. |
|-----------|------|-------|
| Lambros | 9 | 0 |
| Winterson | 5 | 4 |
| Hauswirth | 2 | 7 |
| Asmus | 2 | 7 |

At Boston.

At the regular match game of the Seed Trade bowling league rolled Monday, November 7, Joseph Breck & Son took two out of three. The features of the evening were the rolling of Wheaton for Breck and Jenner for Farquhar. Davy, of the Farquhar team, and Armstrong, of Breck's, tied for individual string for the first month, but Davy captured the prize in the roll-off by six pins. On Monday, November 14, Schlegel & Fottler and R. & J. Farquhar are the opposing teams. The standing of the teams is as follows:

| | Won. | Lost. |
|--------------------|------|-------|
| Joseph Breck & Son | 5 | 1 |
| R. & J. Farquhar | 4 | 2 |
| Schlegel & Fottler | 3 | 3 |
| W. W. Rawson | 0 | 6 |

The score of the last series follows:

| BRECK & SON. | | | | |
|-------------------|-----|-----|-----|------|
| PLAYER. | 1st | 2d | 3d | Tot. |
| Enholm | 90 | 85 | 78 | 253 |
| Gleason | 80 | 56 | 74 | 210 |
| Dacey | 56 | 69 | 62 | 177 |
| Armstrong | 73 | 66 | 96 | 235 |
| Wheaton | 89 | 78 | 92 | 259 |
| Total | 388 | 314 | 402 | 1134 |
| R. & J. FARQUHAR. | | | | |
| PLAYER. | 1st | 2d | 3d | Tot. |
| Davy | 66 | 78 | 79 | 223 |
| Nilsson | 73 | 76 | 75 | 224 |
| Castle | 72 | 70 | 65 | 207 |
| H'd'm'n | 70 | 74 | 78 | 222 |
| Jenner | 92 | 81 | 92 | 265 |
| Total | 373 | 376 | 389 | 1138 |

At Joliet.

About twenty of the boys left Chicago for Joliet Saturday, November 5. They were met by a delegation of Joliet residents and escorted to the bowling alleys. The following is a summary of the scores and shows what the Chicago Florists'

Club team did to the pick of the Joliet bowlers:

| JOLIET TEAM. | | | |
|--------------|------|-----|------|
| Player | 1st | 2d | 3d |
| Olsen | 203 | 126 | 173 |
| Guben | 167 | 167 | 195 |
| Schuck | 199 | 144 | 183 |
| McKane | 135 | 149 | 189 |
| Findley | 168 | 130 | 145 |
| Rub. | 169 | 211 | 188 |
| Totals | 1011 | 927 | 1073 |

| CHICAGO FLORISTS CLUB. | | | |
|------------------------|-----|------|------|
| Player | 1st | 2d | 3d |
| F. Stollery | 170 | 190 | 203 |
| C. Balluff | 158 | 198 | 227 |
| Scott | 152 | 126 | 158 |
| J. Lambros | 133 | 200 | 151 |
| G. Stollery | 135 | 191 | 186 |
| G. Asmus | 134 | 196 | 176 |
| Total | 882 | 1100 | 1100 |

Charles Balluff carried off the box of cigars for high score. After the games the boys were escorted to the Elk lodge rooms where a fine spread had been prepared for them. Speeches were the order of the night and songs by Joliet boys and the quartet. The Chicago Florists' Club should extend a vote of thanks to the Joliet Improvement Association and also to James Hartshorne for the royal manner in which the visitors were entertained.

At New York.

At the meeting of the Florists' Bowling Club on Monday night a match game was arranged with the Flatbush Florists' Bowling Club, to take place at the New York alleys November 21. The occasion will be made a memorable one, and the entertainment to be provided is to be of the best. The scores on Monday were as follows:

| Player | | | |
|--------------|-----|-----|-----|
| 1st | 2d | 3d | |
| Traendly | 151 | 162 | |
| Fenrich | 147 | 104 | 134 |
| Hoffmeir | 104 | 115 | |
| Donaldson | 125 | 145 | 113 |
| Marshall | 157 | 176 | 133 |
| Lentz | 159 | 135 | 152 |
| Guttman | 114 | 164 | |
| Burns, A. S. | 129 | 134 | 134 |
| Holt | 91 | 144 | 127 |
| Manda | 158 | 149 | 108 |
| Shaw | 119 | 183 | |
| Ford | 113 | 122 | 128 |
| Lang | 172 | 161 | 166 |
| Kessler | 202 | 152 | |

DAVENPORT, IA.—The chrysanthemum show is on at Central park. The next regular meeting of the Tri-City Florists' Club will be held here, when the members will visit the exhibition in a body.

AMERICAN BEAUTIES.

Cut Roses—American Beauties and all kinds of Tea Roses at lowest prices. Trial orders solicited.

HELLER BROS., New Castle, Ind.
South Park Floral Company

Please mention the American Florist when writing.



FANCY

DAGGER

CHRISTMAS TREES, Baled Spruce for Cemetery Use, Bouquet Green, Sphagnum Moss, Etc.
L. B. BRAGUE, Hinsdale, Mass.

A Daily Cut From 40 Growers

We can and will fill your Cut Flower wants to advantage.

Plenty of 'MUMS, BEAUTIES, MAIDS, BRIDES, etc. CARNATIONS, VIOLETS, etc. ALL GRADES.

Shipping orders our Specialty. Write, telephone or telegraph.

Long Distance Phone 11:9 Main.

Headquarters for HARDY PERNS and WILD SMILAX.

Most Complete Line of
FLORISTS' SUPPLIES
IN THE WEST.
—CATALOGUE FREE.—

E. F. WINTERSON CO.

Established 1894.

45-47-49 Wabash Avenue, CHICAGO.

PETER REINBERG

51 Wabash Ave., CHICAGO.

Wholesale Cut Flowers

LARGEST GROWER
IN THE WORLD.

Price List.

| AMERICAN BEAUTIES— | | Per doz. |
|--------------------|-------|----------|
| 36-inch stems | ..... | \$5.00 |
| 24-inch stems | ..... | 3.00 |
| 18-inch stems | ..... | 2.00 |
| 12-inch stems | ..... | 1.50 |
| Short stems | ..... | 1.60 |

| | | Per 100 |
|------------------|-------|-----------------|
| LIBERTY | ..... | \$4.00 to 10.00 |
| CHATENAY | ..... | 4.00 to 10.00 |
| " seconds | ..... | 2.00 to 3.00 |
| MAIDS AND BRIDES | ..... | 5.00 to 8.00 |
| " " seconds | ..... | 2.00 to 3.00 |
| PERLE | ..... | 4.00 to 6.00 |
| GOLDEN GATES | ..... | 5.00 to 8.00 |
| CARNATIONS | ..... | 2.00 to 4.00 |

All flowers are perfectly fresh and properly packed.
No charge for P. & D. on orders over \$5.00.

Hardy Cut Ferns

First Quality, 75c per 1000.

ALSO DEALER IN

'Mum Stock Plants.

Per 100, \$6.00; freight paid. Strong open ground roots. Robinson, Appleton, Childs, Liger, Yellow Monarch, Monrovia, Omega and two extra early southern seedlings, a curled pure white globe form and a deep yellow. **PIERSON RUNNERS**, extra strong, \$3.00 per 100.

The Avenue Floral Co., 3442 St. Charles Ave.
NEW ORLEANS, LA.
Please mention the American Florist when writing.

Chrysanthemums.

Stock plants now ready. Large strong and healthy. Glory of Pacific, Polly Rose, Willow Brook, Ivory, Pink Ivory, \$1.00 per doz.; \$6.00 per 100. Monrovia, Robt. Halliday, \$1.00 per doz.; \$7.00 per 100.

Engagements solicited for rooted **Carnation Cuttings**. Delivery January 1st and later.

H. WEBER & SONS, Oakland, Md.
Please mention the American Florist when writing.

CHRYSANTHEMUM

STOCK PLANTS.

WM. DUCKHAM, pink, \$10.00 per 100.

CHICAGO CARNATION CO., JOLIET, ILL.

SPECIALTIES

ROSES, from 3-inch pots,
CARNATIONS, for all delivery,
CHRYSANTHEMUMS,
SMILAX, VIOLETS.

In Best

Varieties

Prices Low. Send for List.

WOOD BROTHERS, Fishkill, N. Y.

Autumn Number,

NOVEMBER 19.

SEND ADVERTISEMENT NOW!

The "John E. Haines" Carnation.

Positively the Best Scarlet Out.

Size 3½ inches and over. To be disseminated in 1906. Invitations for inspection of greenhouses are extended to all Florists. Will gladly furnish sample flowers for exhibitions and club meetings on request.

JOHN E. HAINES,

BETHLEHEM, PA.

Please mention the American Florist when writing

NEW CHRYSANTHEMUMS.

Ready for Immediate Delivery.

Valerie Greenham, Mrs. H. A. Allen, Lady Cranston, Mrs. J. A. Miller, J. H. Silsbury, Mrs. W. Higgin. These are good healthy stock in 3-inch pots, and if planted out now can be increased tenfold or more by February.

W. H. THOMAS, Convent Station, Morris Co., N. J.
Please mention the American Florist when writing

CHRYSANTHEMUMS...

STOCK PLANTS of Duckham, Balfour, Halliday, White and Yellow Bonedaffon, Minnie Bailey, Eaton, Pacific, Kalb, Whilldick. A large stock of Ivory. Write for prices.

WM. SWAYNE,

Box 226, KENNETT SQUARE, PA.
Please mention the American Florist when writing.

Chrysanthemum

Stock Plants

Opah and Polly Rose.....5c each
Monrovia, Alice Byron, C. S. Salter, 10c each;
\$1.00 per doz.
Cheltoni, Wm. Duckham, Dr. Enguehard
15c each, \$1.50 per doz.

LARCHMONT NURSERIES

LARCHMONT, N. Y.

PLEASE mention the AMERICAN FLORIST every time you write to an advertiser.

\$2.00

POSTPAID TO
Any ADDRESS



SAVES MANY TIMES ITS PRICE



THE AMERICAN FLORIST COMPANY'S DIRECTORY saves many times its price to every one who catalogues or circularizes the trade. Fully revised to date of publication, it puts the mail only to live names, avoiding waste of postage and printed matter, time and labor.

Contains 412 pages, lists of Florists, Seedsmen and Nurserymen of the United States and Canada by states and towns, also alphabetically; firms that issue catalogues, foreign merchants, horticultural societies and much other up-to-date information which makes it a reference book of daily utility wherever a wholesale trade is done.

Published annually by the

American Florist Co.

324 Dearborn St. CHICAGO.

St. Paul.

Trade is hardly what was expected at this season, but there are very good reasons for this. In the first place we have been enjoying most perfect weather for the last three weeks, and this does not tend to keep people indoors entertaining. Also, many claim that the elections affect the florist business as much as any. However this will soon be over, and when business does come we will have the best stock to sell that has been seen for years. Chrysanthemums are finer than ever and lots of them. Carnations are in better shape than ever before at this season. Roses have not gotten over the early setback, but those seen by the writer look very promising. Good American Beauty are very scarce, only one local man getting any of any account. Romans and Paper Whites have made their appearance, in very limited quantities however. There is a good demand for good single violets, while the double nearly go begging.

The writer visited N. C. Hansen's two houses of carnations recently and found them in excellent shape. Mr. Hansen grows quite a variety of this popular flower and does it right. He has invented a very practical and simple carnation support which he expects to place on the market in the near future. His carnations are in excellent shape, especially his Enchantress. Mr. Hansen has a white sport of this carnation which he is taking very good care of. His roses are not quite up to their usual standard, owing to the storm which did so much damage here.

Holm & Olson are showing the largest Timothy Eaton that have been seen here. They are of immense size and perfect. They find the single Garza chrysanthemum a very good seller for a small flower.

The Swanson Floral Company is showing some nice baskets and novelties in the Sixth street window. Mr. Colberg reports a very rapidly increasing trade.

The Wm. Duckham is considered here the best of last year's introductions in chrysanthemums, mostly on account of its fine color.

W. G. Schucht has been having a good trade in flower pots and supplies here.

J. F. Wilcox, Council Bluffs, Ia., was a recent caller.

Advertisers Everywhere Get Results.

AM. FLORIST CO.:—Practically all the replies I get from western trade advertising refer to the AMERICAN FLORIST.

JOHN B. DEAMUD.

Free on Board (f.o.b.) ST. Louis

ARID-CLIMATE

Rose Bushes

FIELD-GROWN. OWN ROOTS.

Write for printed prices and list of varieties.

Choice assortment leading kinds.

Spring shipments only.

CHASE ROSE CO.

(Incorporated.)

RIVERSIDE, CALIFORNIA.

Please mention the American Florist when writing.

ROSES! ROSES!

A. ROBICHON FILS, Olivet, Orleans, France.

SPECIAL OFFER OF FIRST-CLASS STOCK AT
LOW PRICES FOR AUTUMN DELIVERY.

Over Half a Million Dwarfs (Grafted on Briar Stock; Novelties). 50,000 Dwarf-Budded, Standards, Etc., also Fruit Tree Stock.

Orders rapidly executed, and in rotation. 1904-5 Catalogue to be had Free on Application. Persons unknown to me will kindly send remittance with order.



Send to **THE MOON**

Company

For Trees, Shrubs, Vines
Your and Small Fruits.

Descriptive Illustrated Catalogue Free
THE WM. H. MOON CO.
Morrisville, Pa.

Haerens Exotic Nurseries,
SOMERCEM, GHENT, BELGIUM.

Furnish PALMS, ARAUCARIAS, BAY TREES, FICUS and other decorative plants for 1905. Spring delivery, in prime quality, carefully packed. For trade list address the American Agents

August Rölker & Sons
31 Barclay St., P. O. Box 752, NEW YORK.

Philadelphia Rambler.

Flowers brighter and much more double than Crimson Rambler, strong grower, blooms earlier and does not bleach out.
2 1/4-inch plants..... \$6.00 per 100; \$50.00 per 1000
4-inch plants..... 2.00 per doz.; 15.00 per 100
6-inch plants..... 3.00 per doz.; 22.50 per 100

The Conard & Jones Co., WEST GROVE, PA.

Jacs Smits, Ltd. NAARDEN (Holland.)
(BRANCH AT BOSKOOP.)

Wholesale Growers of Hardy Fancy, Ornamental nursery stock, pot-grown forcing plants. Lilaca a specialty. Berlin and Hamburg Valley—the best quality. Catalogue free on demand.

When in Europe please inspect our nurseries.
NAARDEN-BUSSUM, near Amsterdam, is our R. R. Depot.

The Cottage Gardens Co.
(Incorporated.)

Queens, Long Island, New York.

Nursery Book, giving descriptions of nursery stock, peonies, etc., mailed upon application.

BAYS.

JULIUS ROEHRS,
RUTHERFORD, N. J.

Please mention the American Florist when writing.

Pæonias.

In six distinct named kinds, very low to the trade, in white blush, rose variegated, red and crimson. \$1.50 per doz., \$8.00 per 100; \$75.00 per 1000. 600 at 1000 rate.

PANSIES.

In six separate colors, black, blue, red, white, purple and yellow, in nice plants, \$3.00 per 1000; by mail 50c per 100.

F. A. BALLER, Bloomington, Ill.

ALWAYS MENTION THE.....

...AMERICAN FLORIST

WHEN WRITING ADVERTISERS

California Privet.

| Packing free. | Per 100 | 1000 |
|--------------------------------------------------|---------|---------|
| 50,000 3 years, 2 1/2 to 3 feet..... | \$3.00 | \$28.00 |
| 50,000 2 years, 3 to 4 feet..... | 2.75 | 25.00 |
| 200,000 2 years, 2 to 3 feet..... | 2.25 | 20.00 |
| 200,000 2 years, 20 to 24 inches..... | 2.00 | 15.00 |
| 50,000 2 years, 15 to 20 inches..... | 1.75 | 12.00 |
| 400,000 1 year, 12 to 18 inches..... | 1.00 | 8.00 |
| 200 Trees, 3 years, heads 4 to 5 feet, each..... | 20c | |

Two and three year have been cut back and transplanted, which makes them very bushy, with fine roots.

500,000 ASPARACUS ROOTS. Per 1000
Palmetto and Barr's Mammoth, 2-year..... \$28.00
Palmetto and Barr's Mammoth, 1-year..... 2.50

Write for Trade List. Remember, packing free on fall delivery.

J. H. O'HACAN, Little Silver, N. J.
RIVER VIEW NURSERIES.

Surplus Stock. Clematis, pot-grown, in leading var., with 50% Jackmanni, 3 to 4 feet high, 1 to 3 shoots, \$65.00 per 100. Clematis, field-grown, 2 to 3 years old, strong shoots, with 50% Jackmanni, \$120.00 per 1000. Tree Roses, in leading var., strong heads and stems, \$160.00 per 100. Low huddled Roses in leading var., 2 years old, \$40.00 per 1000. Climbing Roses, in leading var., 3 to 4 feet high, with plenty of shoots, \$70.00 per 1000. Turner Crimson Ramblers, 3 to 4 feet high, strong shoots, \$50.00 per 1000. Caprifolium, (Honeysuckle) in var.: 5 feet high, strong shoots, \$120.00 per 100. Viburnum Opulus, (Snowball), strong shrubs, 2 to 3 feet high, \$70.00 per 1000. Lilacs, field-grown, 3 years old, in var., as Mary Legraye and Charles X., \$11.00 per 100. This quotation is only for a short while and you better take advantage of it at once. All other nursery stock prices upon application.

W. Van Kleef & Sons, Boskoop, Holland.
NO AGENTS. NO AGENTS.

For Fall Trade.

WE OFFER AN IMMENSE STOCK OF

WIER'S CUT LEAF MAPLES, TULIP TREES, AZALEA INDICA, (Home Grown.)

GARDENIAS, MAGNOLIA GRANDIFLORA, ORANGES and LEMONS (Grafted).

RUBBERS, KENTIAS, LATANIAS, CHAMÆROPS, PHENIX and a GENERAL LINE OF NURSERY STOCK.

All Healthy and Clean. Write for prices.

P. J. BERCKMANS CO., Inc.,
Fruitland Nurseries, AUGUSTA, GA.

Please mention the American Florist when writing.

EVERBLOOMING

THE BEST ROSE NOVELTY

**Dwarf
Crimson
Rambler**

Vaughan's
Seed Store

CHICAGO.
NEW YORK.

ORDERS BOOKED NOW.

Please mention the American Florist when writing.

EXHIBITION CHRYSANTHEMUMS

| | | |
|-----------------------------|--------------|------------|
| Extra Large Extra Fine..... | \$4.00 | per dozen. |
| Good Fancy Stock..... | 2.00 to 3.00 | per dozen. |
| Good Stock Good Size..... | 1.00 to 1.50 | per dozen. |
| Small..... | .25 to .75 | per dozen. |

FOR THANKSGIVING

—YOU CAN NOT BEAT THE QUALITY OF OUR—
ROSES, CARNATIONS AND CHRYSANTHEMUMS.

A. L. RANDALL CO.

19 Randolph Street,

CHICAGO, ILL.

Bargains for November.

ASPARACUS PLUMOSUS NANUS.

| | | |
|-----------------------------------------------------------------------------------------------------------------------------|---------|----------|
| Extra Strong Seedlings will make 2-inch stock in 4 weeks, special price per 100 by mail, \$1.50; per flat of 1000, \$14.00. | Per 100 | Per 1000 |
| Strong 2-inch pots..... | \$2.00 | \$18.00 |
| Strong 2½-inch pots..... | 4.00 | 25.00 |
| Asparagus Sprengerii, 2½-inch pots..... | 3.00 | 25.00 |
| Asparagus Comorianensis, 2-inch pots..... | 3.10 | 25.00 |
| Cinerarias, best mixed 2½-inch pots..... | 4.00 | 30.00 |
| Chrysanthemums, bushy plants in 6-inch pots, all colors, best kinds, \$4.00 per dozen. | | |

Celestial or Christmas Peppers. Will make fine plants for Thanksgiving.

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Strong 5-inch pot plants full of green fruit....doz., \$2.00; per 100, \$15.00. | |
| Strong 6-inch pot plants full of green fruit....doz., 4.00; per 100, 30.00. | |
| Carnations, large field plants. Cressbrook, per 100; \$4.00; Indianapolis, per 100, \$8.00; Mrs. Patten, per 100, \$8.00 | |
| Dahlias, 5 Grand New Sorts, undivided field roots, per doz. \$3.00 Katherine Duer, Kriemhilde, Progenitor, Rakete, 20th Century. 25 dahlias all new, one of each kind, own selection, field roots for \$5.00. | Per doz. Per 100 |
| Flous Elastica, 5-in pots, perfect plants, 18 to 20 inches..... | \$4.25 \$35.00 |
| 6-inch pots, perfect plants, 20 to 24 inches..... | 6.00 50.00 |
| Primula Buttercup, strong 3-inch..... | 1.50 10.00 |
| Primula Chinenensis, Assorted, strong 2½-inch..... | 3.00 |
| Ferns, Assorted, 2-inch for fern dishes, per 100, \$3.50; per 1000, \$30.00. | |

Also a large stock of **Araucarias** and **Palms** in all kinds and sizes.
Write for our special Palm List.

Boston Ferns.

NEPHROLEPIS EXALTATA BOSTONIENSIS.

We have the finest stock in the West. All our plants are pot-grown bushy stock, well furnished with fronds from the pot up, and cannot be compared with the cheap, long-drawn-up, lifted stock from the bench. A sample shipment will convince you of our superior stock. **STOCK READY LAST OF AUGUST.**

| | Each | Per doz. | Per 100 |
|-------------------------|------|----------|------------|
| 2½-inch pot plants..... | \$ | .50 | \$ 4.00 |
| 3 " " "..... | | 1.00 | 8.00 |
| 4 " " "..... | | 2.50 | 20.00 |
| 5 " " "..... | | .50 | 5.00 40.00 |
| 6 " pans "..... | | .75 | 7.00 50.00 |
| 7 " " "..... | | 1.00 | 9.00 65.00 |
| 8 " " "..... | | 1.50 | 15.00 |

THE NEW FERN

Nephrolepis Scottii.

We have a large stock of this new fern; well-grown pot plants.

| | Per doz. | Per 100 | Per doz. | Per 100 |
|------------------|----------|---------|------------------|------------------|
| 4-inch pots..... | \$5.00 | \$10.00 | 6-inch pots..... | \$15.00 \$100.00 |
| 5-inch pots..... | 8.00 | 60.00 | 7-inch..... | 18.00 |

CHICAGO, VAUGHAN'S GREENHOUSES, Western Springs, Ill.

New Carnation WM. PENN.

A pink that will supersede Scott, Joost, Florioa and Nelson. A variety that will produce enough more flowers than some of the pinks you are now growing to more than pay the difference in price between the two, you can not possibly lose any money buying it.

A Companion to, not a rival of "FIANCEE,"

—Send For List.—

PRICE, \$10.00 PER 100; \$75.00 PER 1000.

ALBERT M. HERR, Lancaster, Pa.
F. L. KOHR, Lancaster, Pa., R. F. D. No. 3.

Carnation Rooted Cuttings.

| NOW READY. | Per 100 | 1000 |
|--------------------------------------|---------|---------|
| QUEEN LOUISE, fine white..... | \$1.20 | \$10.00 |
| ALBA, large white..... | 1.40 | 12.50 |
| AMERICA, red..... | 1.00 | 8.00 |
| MRS. POTTER PALMER, big scarlet..... | 1.20 | 10.00 |
| G. H. CRANE, scarlet..... | 1.20 | 10.00 |
| ELDONADO, yellow..... | 1.20 | 10.00 |
| MARSHALL FIELD, barred..... | 1.40 | 12.00 |
| ARMANDINE, barred..... | 1.00 | 8.00 |
| MRS. JOOST, pink..... | 1.20 | 10.00 |
| LAWSON, pink..... | 1.40 | 12.50 |
| PRES. McKINLEY, pink..... | 1.40 | 12.50 |
| SUCCESS, light pink..... | 1.20 | 10.00 |
| HARLOWARDEN, crimson..... | 1.40 | 12.50 |
| GOV. ROOSEVELT, crimson..... | 1.20 | 10.00 |

UNROOTED CUTTINGS HALF PRICE.

TERMS: Cash with order or C. O. D. with privilege of examination. Express prepaid at above prices. All plants warranted true to name and well-rooted.

HERMITAGE CARNATION CO., Loomis, Cal.

If You Want the **BEST** Commercial **SCARLET** Carnation Buy

...CRISIS...

Cuttings ready January, 1904. \$2.00 per doz.; \$12.00 per 100; \$100.00 per 1000; \$95.00 per 1000 to 5,000 lots. Prices on larger quantities on application.

DAVIS BROS. CO.,

BLOOMSBURG, PA.

TO CLOSE OUT. Field-Grown Carnation Plants.

We offer the following at \$40.00 per 1000. Guaranteed all first size plants:

6000 LAWSON. 1000 GOV. WOLCOTT,
1000 MORNING GLORY, 1000 WHITE CLOUD.

WILL BE SHIPPED FROM HINSDALE.

BASSETT & WASHBURN, Chicago.

Store: 76-78 Wabash Ave., Chicago.

Greenhouses: HINSDALE, ILL.

PLEASE MENTION US WHEN WRITING TO ADVERTISERS.

Washington.

The supply of chrysanthemums is very heavy, as they seem to be coming all in a bunch this year. Several of the stores are literally full of them and the prices are being slaughtered right and left. There are extra fine blooms being sold at from \$4 to \$6 per dozen, but much greater numbers are going at from \$1 to \$3 per dozen. Roses, American Beauty included, are about the slowest things in the market. Nobody seems to want them just now. Carnations and violets are a little better, but the Jap is "it." There is considerable trade in ferns and house plants, but nothing above the ordinary.

At the regular monthly meeting of the Florists' Club November 1 a committee, consisting of J. R. Freeman, George H. Cooke and Fred H. Kramer, was appointed to examine the public halls of the city with the object of selecting a suitable one for the S. A. F. convention and exhibition. The committee was instructed to report at the next monthly meeting. Secretary Bisset exhibited a collection of carnations grown at Twin Oaks, which included Mrs. Roosevelt, Gov. Wolcott, Freedom, Challenger, Bradt and Fair Maid. All were very good, though I have never yet found Fair Maid as well grown as at the range of its originator, Albert Roper, of Tewksbury, Mass.

James Watt, of the executive mansion conservatories, is one of the latest acquisitions to the Florists' Club. We are always glad to have the genial Mr. Watt with us. Furthermore, we can now challenge all the florists' clubs, north, south east and west, to produce two better pairs of side whiskers than James Watt and John Robertson.

Maybury & Hoover have been doing considerable decorating. They had a decoration during the week in one of the leading department stores. This firm carries a fine stock of arecas and kentias and is well prepared to care for them, having a nice little greenhouse in the rear of its store.

Otto Bauer has a new line of novelties. This time he has turned one of his show windows into a miniature Arizona desert stocked with a variety of cacti. I have advised him to lay in a stock of horned toads and centipedes to make the scene more realistic, but Otto dislikes "varmints."

John Brown has been sending in some extra fine chrysanthemums to George C. Shaffer. Maynell, red and bronze, and Dr. Enguehard, pink, were the most noticeable.

The tree planting at the new home of Mr. and Mrs. Larz Anderson is almost completed, but a lot of shrubbery will be planted in the spring.

Baden-Powell is a fine dark pink chrysanthemum that is being grown by Geo. H. Brown at the U. S. propagating gardens.

J. H. Graner, salesman for N. Studer, is showing some bargains in Adiantum hybridum in 6-inch pots.

Leslie Reynolds is greatly improved in health and will soon resume work at the Botanic gardens.

Miss Leona Brust, formerly with J. Louis Loose, is now with Otto Bauer.

There is a prospect of great doings in decorative work within this month.

Violets are improving in quality; the price remains at 50 cents per bunch.

S. E.

DENVER, COL.—The partnership of C. & F. Davis has been dissolved, F. Davis selling his interest to the other partner.

Palmer's Red Lawson

NOW READY!

SPORT FROM THE FAMOUS
MRS. THOMAS LAWSON

Planted May 18th, in full crop middle of August

ROOTED CUTTINGS:

\$10.00 per 100

\$40.00 per 500

\$75.00 per 1000

Ask your *Brother Florist* if he saw it at the Detroit Carnation Show. Ten to one he will say it's a good carnation to grow. Received **CERTIFICATE OF MERIT** at Detroit Carnation Show—scoring 87 pts.

W. J. Palmer & Son

Lancaster, N. Y.

Rose Plants

Per 1000

3½-inch Gate and Bridesmaid.....\$30.00

2½-inch Golden Gate..... 20.00

Poehlmann Bros. Co., Morton Grove, Ill.

CLEARS THE HOODOO—NO. 13.

Poughkeepsie, N. Y.

Ship by freight 300 lbs. Fumigating Kind. We like it very much; we will use nothing else now in all of our 13 houses.

HAGGERTY FLORAL CO.

See page 632.

CARNATION PLANTS.

All sold except 1000 Flora Hill, 200 Morning Glory, 50 Gomez, \$3.50 per 100; \$30.00 per 1000 as long as they last. They are fine stock.

W. H. WATSON, Lapeer, Mich.

FRED BURKI

Is the new commercial white carnation worthy of your attention. Has scored 88 points at the Detroit Carnation Convention, receiving a certificate of merit. Send for descriptive circular.

John Murchie, S. S. Skidelsky,
SHARON, PA. 824 N. 24th St., Philadelphia.

We Are Selling Agents

—FOR—

GIBSON BEAUTY and WHITE SWAN CARNATIONS.

Shall be pleased to have you correspond with us in regard to prices. Write

GEO. A. KUHL, Pekin, Ill.

SHIPPING LABELS FOR

Cut Flowers

Printed in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Very attractive. Price per 500, \$2.55; per 1000, \$4.50. Send for samples.

ELECTRO OF THE LEAF, POSTPAID, \$1.25.

American Florist Co.,

CHICAGO.

Field-Grown

Carnations

It Has Been a Good Growing Season
With Us and Plants are in Fine
Shape, Strong and Bushy.

| WHITE. | Per 100 | 1000 |
|-------------------|---------|-------|
| FLORA HILL..... | 3.50 | 30.00 |
| Peru..... | 3.50 | 30.00 |
| Queen Louise..... | 3.50 | 30.00 |

| PINK. | | |
|------------------------|--------|---------|
| Mrs. T. W. Lawson..... | \$6.00 | \$50.00 |
| Mrs. Nelson..... | 3.50 | 30.00 |
| Mrs. Higinbotham..... | 3.50 | 30.00 |
| Guardian Angel..... | 3.50 | 30.00 |
| McKinley..... | 3.50 | 30.00 |

| RED. | | |
|------------------|------|-------|
| Chicago..... | 3.50 | 30.00 |
| Mrs. Ine..... | 3.50 | 30.00 |
| Estelle..... | 6.00 | 50.00 |
| Harlowarden..... | 4.50 | 40.00 |

| VARIEGATED. | | |
|-----------------|------|-------|
| Mrs. Bradt..... | 3.50 | 30.00 |

All Stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.

PETER REINBERG,
51 Wabash Ave., CHICAGO.

Carnation Plants.

Fine Large and Healthy Field-Grown Plants. Extra Good. \$5.00 per 100; \$45.00 per 1000.

Terms cash at these prices.

| | |
|--------------------------------------------|--------------------|
| 1,000 Scoll, | 500 Glacier, |
| 500 Flora Hill, | 500 Morning Glory. |
| 500 Marquis. If sold alone \$6.00 per 100. | |
| 600 Crane, | |

J. C. RENNISON, Sioux City, Ia.

Please mention the American Florist when writing.

With The Bright Outlook
 — FOR —
PROSPERITY AHEAD
 IT WILL
PROVE MOST PROFITABLE
 — TO —
Advertise Liberally
 IN OUR
Special Autumn Number

To Be Issued NOVEMBER 19.

Just Right for Thanksgiving and Fall Business.

**THE HIGH GRADE VALUE OF OUR SPECIAL NUMBERS
 TO ADVERTISERS IS WELL KNOWN EVERYWHERE.**

WORTH THINKING ABOUT.

AM. FLORIST COMPANY:—Practically all the
 replies I get from western trade advertising
 refer to the AMERICAN FLORIST.

JOHN B. DEAMUD.

AM. FLORIST CO.:—The best customers
 I have obtained through trade paper adver-
 tising have come to me through the columns
 of the AMERICAN FLORIST. ALBERT M. HERR.

NO BOGUS INQUIRIES.

Advertisements in regular pages will be taken at our ordinary rates, namely, \$1.00 per inch, \$30.00 per page of thirty inches, with the usual discounts on time contracts. Advertisements on second, third and fourth **SPECIAL COVER PAGES** (printed on heavy toned paper) \$35.00 per page, net.

PLEASE MAIL YOUR ADVERTISEMENT NOW.

'A Florists' Paper
From Cover to Cover.

AMERICAN FLORIST COMPANY,
324 Dearborn St., CHICAGO.

Los Angeles.

The summer quiet spell is over. We are all at work again. Violets are coming in nicely, though not plentiful enough to supply the demand. Some kind of an insect has eaten up about one-half of this year's crop. This I find true in most fields, though some few places seem to have escaped the pest. The quality of the blooms seem to be up to the average. For the past ten days we have been having very nice chrysanthemums, the supply being considerably greater this year than last. The demand is splendid, so far not a bloom going to waste.

A new departure in southern California is the establishment of the J. W. Wolfskill Nurseries at Grace Hill, this city. Starting two years ago with three houses 200 feet long, it has increased to fourteen houses and a total of 100,000 feet of glass. There are 32,000 carnation plants, principally Lawson, Enchantress, Queen Louise, one house containing novelties. Also 12,000 roses, principally American Beauty, Bridesmaid and Bride. There are also 10,000 Liliun Harrisii and 50,000 lily of the valley in cold storage. This year's addition to the houses is of iron construction 26x200; an additional rose house 26x350 is being built exclusively for American Beauty. This firm has made a wonderful growth in two years. This shows what a little perseverance and push will do when the right man is in charge. The establishment is under the personal management of George C. Watson, who has been with Mr. Wolfskill for twenty-six years.

I want to say a few words for the greatest chrysanthemum grower in Los Angeles, Miss Bessie Marsh, on the road to Pasadena. She has about 10,000 plants this season and is supplying several of the stores with the finest grade of flowers. Many difficulties have been encountered, but they have been overcome and to-day she has the finest field of chrysanthemums in this half of the state.

The "evening closing" agitation is on and it seems likely that we may have a small floral society in Los Angeles in the near future. Nearly all the florists are favorable and it only needs a guiding hand to bring the matter to a meeting.

A new retail store has been opened in Mercantile place to be known as the Mercantile Florists. It will have an excellent field, as much traffic will go through Mercantile place.

Senor Ramon Corral, of Mexico, was in Los Angeles November 2, and in consequence our florists sold all the nice flowers they had on hand.

Pittsburg.

The recent club meeting could be called a fine chrysanthemum show. Those sending exhibits were: A. Herrington, Madison, N. J.; R. Vincent, Jr. & Sons, White Marsh, Md.; Pittsburg Florist Exchange, which showed carnations grown by D. C. Noble, Columbia City, Ind., called Uncle Peter. Mr. Noble states this carnation originated with him and is a sport from Mrs. Lawson. It has the habits of Lawson in every respect except color, which is about the same shade as Enchantress. W. J. & M. S. Vesey, Ft. Wayne, Ind., showed fine chrysanthemums. Blind Brothers showed a fine bunch of chrysanthemums. W. F. Kasting, Buffalo, N. Y., had a specially fine collection of larger sized chrysanthemums; Phipps Conservatory a fine collection of assorted chrysanthemums. Alexander Peacock also showed chrysanthemums.

The next club meeting will be a meeting and smoker combined. A delightful evening is assured to those who attend.

Breitenstein & Flemm decorated the banquet room and tables for the banquet given in honor of the British Steel Institute, which spent a few days in Pittsburg during the week. The banquet was held in one of the Westinghouse machine shops at East End, Pittsburg, which is twelve miles from Pittsburg.

A. M. Murdoch had the decorations for the Darlington-Stoddard wedding on November 9, which was one of the largest of the season. About 1,500 of the largest chrysanthemums possible to get were used, all of which were supplied by our local wholesalers.

The wholesalers state that business is good. The retailers report it fair.

E. L. M.

New Orleans.

Some are complaining about the stock they receive from Chicago and other places. Shippers to New Orleans must bear in mind that nothing is too good for New Orleans. The trip, also, is rather long and nothing but first-class stock will arrive well. What seems to be strange is that some flowers sent at the same time by the same house to different customers arrive in different conditions.

The general answer of florists as to business on November 6 is: "We sold everything we had." Prices were fair for good stock, which was just right for the demand. A scarcity of flowers in private gardens created a lively market and every dealer is quite satisfied.

We are busy preparing our winter quarters, pushing or starting our fall stock with the anticipation of a good spring trade.

M. M. L.

Syracuse, N. Y.

The past week has been one of the busiest the florists have had for a long time. The convention of the New York State Federation of Women's Clubs poured a great many dollars into the pockets of the trade. Every evening receptions were held at the homes of various society people and flowers were used in abundance. The main decorations at the First Presbyterian church were executed by Henry Morris and were novel in that no palms were used. They were entirely of bay and box trees and wild smilax. Mr. Morris had the decorations at the Katanah club, where he used palms and wild smilax. The decorations at the Pierce reception were of pink chrysanthemums and Boston ferns.

P. R. Quinlan & Company have one window of chrysanthemums and another of Gloire de Lorraine begonias. They have no trouble in disposing of all their stock grown at their Onondaga Valley range. Two more new greenhouses have been completed and work on another is about to start. Some excellent Ivory and Golden Gate roses are coming in. At the Ormsbee-Ingham wedding the company had some beautiful decorations of palms, white chrysanthemums and asparagus. Beauty was added to the scene by white and green electric lights.

Henry Morris recently made a violet wreath for the funeral of Judge Sawyer, of Watertown, which attracted considerable attention.

Wheadon & Hencle have standing orders from three churches for decorations every week.

A. J. B.

A Step in the Right Direction. We Protect the Florists by Selling to the Trade.

HEADQUARTERS FOR

ARAUCARIA EXCELSA

April importation only. Have an immense stock; can supply all wants. No seedlings. Raised only from top cuttings in Belgium.

5 1/2-inch pots, bushy plants, 10 to 12-inches high, 3 tiers, 50c.

5 1/2-inch pots, 13 to 15 inches high, 3 to 4 tiers 60c.

5 1/2 to 6-inch pots, 17 to 19 inches high, 3, 4 and 5 tiers, 75c.

6-inch pots, 20, 22, 24 inches high, 4, 5 and 6 tiers, 80c, 90c and \$1.00 each.

GREAT BARGAINS IN KENTIA PALMS.

4000 KENTIA FORSTERIANA, 3-inch pots, made-up plants, 3 in a pot, 16 to 18 inches high, 8 to 10 leaves, 15c each by the dozen; per 100, \$12.00; per 500, \$50.00. 4-inch pots, made-up, 20c.

KENTIA FORSTERIANA and BELMOREANA, 6-inch pots, 5 to 7 leaves, 30 to 40 inches high, 75c to \$1.00 each.

KENTIA FORSTERIANA, made-up plants, 7-inch pots, 40 to 48 inches high, with 6 smaller, about 18 to 20 inches high, set around, \$1.50 each.

COCOS WEDDELLIANA, 3-inch pots, very strong, \$12.00 per 100.

ASPARAGUS PLUMOSUS NANUS, 3-in. pots, strong, \$6.00 per 100; 4-inch pots, \$12.00 per 100.

FICUS ELASTICA, (Home Grown Rubber), 5, 5 1/2, 6-inch pots, from 10 to 17 leaves, 18 to 27 inches high, 30c, 40c, 50c each. Specimens in 6 and 7-inch pots, very strong and bushy, 30 inches high, 75c each.

ARECA LUTESCENS, made-up plants, 3 in a pot, 6-inch, 30 to 35 inches high, 75c; 5 1/2-inch pot, 30 inches high, 3 in a pot, 50c; 5-inch, 25 to 30 inches high, 3 in a pot, 30c.

LATANIA BORBONICA, 6 inch pots, 50c.

PIERSONI FERNS, 5 to 6-inch pots, 35 to 50c. No more 4-inch.

BOSTON FERNS, 5 to 5 1/2-inch pots, 25c, 30c and 40c; 6-inch pots, 18 to 20 fronds, 50c. Specimen 7-inch, very large, 75c to \$1.00 each. 8-inch pots, as large as a bushel basket, \$1.25 to \$1.50 each; worth \$3.00.

MIXED FERNS, for dishes, very straight plants, 2 1/2-inch pots, \$5.00 per 100.

ACORUS GRAMINEUS, variegated grass, for dishes, \$1.00 per dozen.

PRIMULA CHINENSIS, for Xmas blooming, John Rupp's strain, 4-inch pots, \$8.00 per 100.

ADIANTUM CUNEATUM, 4-inch pots, \$10.00 per 100.

SOLANUM, Jerusalem Cherries, full of fruit, 6-inch pots, \$2.00, \$2.50 to \$3.00 per dozen.

CAPSIUM ANNUM or CHRISTMAS PEPPER, in fruit, 5-inch pots, \$2.00 per dozen.

Per steamer Switzerland, just arrived 30 cases of AZALEA INDICA, choice American varieties, from 40c, 50c, 60c, 75c and \$1.00 each. I am noted for carrying the finest Azaleas.

Just received from Belgium PHOENIX CANARIENSIS, 4 feet high, 4 feet wide, 14 perfect leaves, 8-inch pot. They are all perfect jewels; good for decoration, only \$2.00 each; worth \$5.00.

ORACENA BRUANTI, 6-inch pots, 50c.

PLEASE READ

one of 100 different testimonials.

CINCINNATI, O., Sept. 29, 1904.

MR. GODFREY ASCHMANN.

Dear Sir:—Many thanks for the prompt delivery, and for the fine stock. The plants arrived all right and were very satisfactory. The palms were very nice and were packed securely. We are also greatly obliged for the price list of plants for Christmas and should we desire to buy any we would surely call upon you.

HOFFMEISTER FLORAL COMPANY,
813 Elm Street, Cincinnati, O.

Cash with order please. All goods travel at purchasers' risk.

Godfrey Aschmann,

Wholesale Grower and Importer of Pot Plants.

Bell Phone Tloga 3669 A.

1012 Ontario St., Philadelphia, Pa.

Special Clearing Sale.

8,000 ASP. SPRENGERI.

Strong plants from 2 1/2-inch pots, \$1.25 per 100; \$10.00 per 1000. Worth twice the money.

The W. T. BUCKLEY CO.,
SPRINGFIELD, ILL.

**GOLD
MEDAL
CANNAS
AT
ST.
LOUIS.**

Cannas.

A large quantity of **named Cannas**, best varieties, fine clumps with 15 to 25 eyes as grown by us in the World's Fair Grounds, St. Louis, are to be disposed of.

To be shipped direct from St. Louis. Write for prices to

**VAUGHAN'S SEED STORE,
CHICAGO.**

**GOLD
MEDAL
CANNAS
AT
ST.
LOUIS.**

BOOKS FOR FLORISTS.

The time is coming along when these are needed and opportunity at hand for reading them. Every one of the following should be in your library.

Send prices quoted and we send the books.

GREENHOUSE CONSTRUCTION (Taft).—It tells the whole story about how to build, and heat a greenhouse, be it large or small, and that too in a plain, easily understood, practical way. It has 118 illustrations. \$1.50.

HEATING AND VENTILATING BUILDINGS (Carpenter).—This book covers the entire subject most fully. In the preparation of heating and ventilating plans, it will be found a most valuable guide. \$4.00.

STEAM HEATING FOR BUILDINGS (Baldwin).—Contains valuable data and hints for steam fitters and those who employ this method of heating. The 350 pages are fully illustrated. \$2.50.

THE HORTICULTURISTS' RULE-BOOK (L. H. Bailey).—Contains information valuable to all those engaged in any branch of horticulture. Illustrated. 312 pages. 75 cents.

PRACTICAL FLORICULTURE (Peter Henderson).—A guide to the successful propagation and cultivation of florists' plants. Illustrated. 325 pages. \$1.50.

THE ROSE—Its cultivation, varieties, etc. (H. B. Ellwanger).—A complete guide of the cultivation of the rose, together with the classification of all the leading varieties. \$1.25.

GINSENG (Kains).—At the present time when so much interest is taken in ginseng it will be interesting to peruse this volume, which tells all about the plant in a way that all may understand. The 144 pages are freely illustrated. 50 cents.

THE PRINCIPLES OF FRUIT GROWING (Bailey).—The entire subject of fruit culture is treated very thoroughly in this illustrated volume of 516 pages. It is a book that no up-to-date fruit grower can afford to be without. \$1.25.

CHRYSANTHEMUM MANUAL (Smith).—By an expert who has given his undivided attention for twenty years to the improvement of the chrysanthemum and its culture in detail. Profusely illustrated. 25 cents.

CABBAGES, CAULIFLOWER AND ALLIED VEGETABLES (Allen).—The requirements of the important vegetables of the cabbage tribe are given here very fully. The book also contains interesting chapters on seed raising, insect pests and fungus diseases common to these plants. 50 cents.

AMERICAN FLORIST CO.,

324 Dearborn Street,

CHICAGO.

GERANIUMS.

ROOTED CUTTINGS.

Fifteen varieties at \$10.00 and \$12.50 per 1000. Send for complete price list.

PETER HENDERSON An improved Double Geranium. In fact it is an improvement over all double scarlets and should be in every grower's collection. By mail or prepaid express at 50c per dozen.

**ALBERT M. HERR
LANCASTER, PA.**

Please mention the American Florist when writing.

Peacock's ...Dahlias

For plants or bulbs address

**L. K. PEACOCK,
Dahlia Specialist, ATCO, N. J.**

Orchids!



Our stock of established and semi-established Orchids is unrivaled in quality and price. Many in sheath and spike at present. Write for prices.

Lager & Hurrell, SUMMIT, N. J.
Orchid Growers and Importers.

2,000 Princess of Wales and L. H. Campbell

Fine field clumps, \$5 per 100; \$45 per 1000.

2,000 BOSTON FERNS, grown in full light, stocky, for 5 and 6 inch pots, 15c and 20c.

500 ASPARAGUS PLUMOSUS NANUS and **SPRENGERI**, 4-inch, 10c, 8c. Cash please.

BENJ. CONNELL, West Grove, Pa.

For Sale.

500 Hydrangea Plants, **Hortensis** and **Japonica**. Extra strong field-grown plants. Will take 7 to 8-inch pots, at \$15.00 per 100.

Schluraff Floral Co.,
2406 Poplar St., ERIE, PA.

COLOR LINE NOT AFFECTED

I desire to say that your Fumigating Powder has given me entire satisfaction. I have always found it very efficient in destroying insect pests and without injury to plants, and not affecting the color of flowers, which makes it valuable, especially in rose houses.
See page 632. WM. DUCKHAM.

Always mention the American Florist when you order stock.

PANSIES.

200,000 Extra Strong Stocky Plants.

Giant of best sorts, equal to any, \$2.50 per 1000; \$4.50 per 2000.

DOUBLE ALYSSUM, 2-inch, 2c.

BABY PRIMROSE, in bloom, 2-inch, 1½c.

DAISIES. Snowball, Longfellow, Giant Red, \$2.50 per 1000; 2000 for \$4.50.

FORGET-ME-NOTS. 3 varieties, \$3.00 per 1000.

ASP. PLUMOSUS NANUS, 2-inch, 2½c.

ASP. SPRENGERI, 2-inch, 2c.

HOLLYHOCKS, Double Yellow, White, Pink, Maroon, Salmon, Red, 1-year, field-grown, \$3.00 per 100; \$25.00 per 1000.

—CASH—

BYER BROS., Chambersburg, Pa.

Please mention the American Florist when writing.

Giant Pansies

\$2.00 per 1000. Sure to please your trade.

Daisies, Snowball, Longfellow, \$2.00 per 1000, small plants.

Pelunias, double, 12 fine sorts, 2-in., 2c; Rooted Cuttings, ½c. **Baby Primrose**, 2-in., 1½c. **Heli-trope**, blue, 2-in., 1½c; R. C., ½c. **Alternanthera**, red and yellow, R. C., ½c. **Asparagus Sprengeri**, 2-in., 2c. **Plumoseus Nanus**, 1½-in., 2c; 3-in., 5c. Rooted cuttings, prepaid. Cash.

BYER FLORAL COMPANY, Shippensburg, Pa.

Please mention the American Florist when writing.

500,000 Pansy Plants Packed safely for Southern States.

FLORISTS' INTERNATIONAL. Transplanted, strong, \$5.00, seed-bed plants, \$4.00 per 1000.

GIANT. Mixed and separate colors, \$3.00 and \$2.50 per 1000. Cash.

GERANIUMS and bedding plants. All at quality, true to name. Prices right.

LUDVIG MOSBAEK, Onarga, Ill.

PANSIES.

50,000 strong stocky plants in 7 distinct colors or mixed varieties, \$3.00 per 1000; 2,000 for \$5.00. Plant now for spring.

F. A. Baller, BLOOMINGTON, ILL.

—EARLY NEW—

ROSE CUTTINGS.

Of very best wood, following varieties: La Detroit, Gen. MacArthur, Pres. Carnot, Belle Siebrecht, Perle, La France, Bride, Bridesmaid and Wootton. Write

GEO. A. KUHL, Pekin, Ill.

Please mention the American Florist when writing.

Wm. P. Craig, 1224 Cherry St., Philadelphia, Pa.

Representing Joseph Heacock and John Burton, Assignees.

PALMS, FERNS, CROTONS and DECORATIVE PLANTS.

Please mention the American Florist when writing.

Orange, N. J.

The tenth fall exhibition of the New Jersey Floricultural Society was held in Orange November 4. It was greatly regretted that the display did not have a larger hall, which its merits justified, and several of the patrons of the society promised on the spot to help provide better accommodation for another year. The number of entries necessitated the display of vegetables and fruits being placed in a room by itself. The wide field from which the exhibits were gathered showed the growing influence of the society.

While pre-eminently a chrysanthemum show and the blooms, standards and trained plants were of the highest order, yet the display of orchids almost eclipsed the "queen of the autumn." The exhibit from the collection of Henry Graves occupied an entire table. The *Cattleya labiata* and *cypripediums* were arranged as a border, with the *dendrobiums* incased in the center. The contrast was marked and the display most effective. That from William Barr occupied the greater part of another table, the two being separated by a stand bearing the large vase of carnations from Sidney and Austin Colgate.

John Crosby Brown's exhibit of trained and standard chrysanthemums rose from a mass of single stems in 4-inch pots, remarkable for their uniformity. Some of these had captured first prizes at Madison only a few days before.

The exhibit of orchids from Lager & Hurrell was particularly interesting, comprising a white *Cattleya labiata* valued at \$250; *Cattleya Dowiana*, noted as being a very shy bloomer; *Oncidium Forbesii* and *Odontoglossum grande* (the baby orchid).

The new carnations from John E. Haines, of Bethlehem, Pa., a red and The Imperial, a fancy, both received the society's certificate. These are seedlings and will shortly be offered for introduction. Gibson Beauty, a pink, and White Swan, from Swan Peterson, Gibson City, Ill., were certificated. The first of these suggests Ethel Crocker, one of the parents, with edges shaded lighter. All had traveled long distances and arrived in good condition and had every indication of good commercial qualities, particularly in respect to color, keeping qualities and form. John N. May's pompons were as bright and chipper as usual, and came in for their share of attention and admiration.

JOS. B. DAVIS.

Elmira N. Y.

A new florist establishment has been opened at 117 West Water street in the store until recently occupied by Frank W. Durrand. Thomas J. Leyden, a well-known newspaper man, of this city, is its proprietor and he aims to make it a thoroughly up-to-date florist establishment in every sense of the word. Mr. Leyden has secured the services of John K. Pheasay, a propagator and designer at the Lake View gardens in Jamestown, to have charge of his floral designing department. Mr. Leyden will handle United States Cut Flower Company flowers.

The Choicest Paper.

ED. AMERICAN FLORIST:—Enclosed is \$1 for another year's subscription to the AMERICAN FLORIST. It is one of my choicest papers, bringing each week much pleasure and profit. JOHN B. RINN.

Asparagus Plumosus Nanus

| | |
|--------------|----------|
| | Per 1000 |
| 2¼-inch..... | \$15.00 |
| 2½-inch..... | 18.00 |
| 3-inch..... | 22.00 |

Cash. Express prepaid. 250 at 1000 rates.

CALIFORNIA CARNATION CO.,
LOOMIS, CALIFORNIA.

500,000 VERBENAS

THE CHOICEST VARIETIES
IN CULTIVATION.

Fine pol plants, \$2.50 per 100; \$20 per 1000. Rooted Cuttings, 50c per 100; \$5 per 1000; \$45 per 10,000.

NO RUST OR MILDEW.

PACKED LIGHT, AND SATISFACTION GUARANTEED. SEND FOR CIRCULAR.

We are the Largest Growers of Verbenas in the country. Our plants cannot be surpassed.

J. L. DILLON,

BLOOMSBURG, PA.

A FEW GOOD THINGS
YOU WANT.

KENTIA PALMS, a fine lot of single and made-up plants as was ever grown, 4, 5, 6, 7, 8-inch pots, at 20c, 35c, 75c, \$1.50 to \$3.00 each.

BOSTON FERNS, 5-inch, \$30 per 100.

DRACAENA INDIVISA, 2, 3, 4, 5-inch, \$2, \$5, \$10 and \$25 per 100.

ASPARAGUS PLUMOSUS, 2 and 3-in., \$4 and \$8 per 100.

ASPARAGUS SPRENGERI, 2 and 3-in., \$3 and \$5 per 100.

GERANIUMS, rooted cuttings, Mrs. E. G. Hill, Riccard, John Doyle, Perkins, \$1.25 per 100. single and double Grant, La Favorite, \$1.00 per 100. Poitevine, S. A. Nutt, 2-in. pots, \$3.00 per 100.

VINCA VARIEGATA, 2-inch \$2.00 per 100.

Unrooted cuttings of CARNATIONS. The best and cheapest way to buy them. Queen Louise, Portia, Crocker, Goodenough, Mermaid, Roosevelt, 50c per 100. Lawson, Enchantress, Boston Market, Fair Maid, Harry Fenn, \$1.00 per 100.

CHINESE PRIMROSE 3-in., \$4.00 per 100.

BEGONIA REX, 2-in., \$4; 2½ and 3-in., \$6 per 100.

CINERARIAS, 2-inch, \$2.00 per 100; 3-inch, \$4.00 per 100.

CYCLAMENS, Giant, 4-inch, 10c; 5-inch, 25c.

PRIMULA OBCONICA, 2-inch, \$2.00 per 100.

CASH OR C. O. D.

GEO. M. EMMANS, NEWTON, N. J.

Please mention the American Florist when writing.

Adiantum
Cuneatum

From 2-inch pots, fine healthy plants, ready to shift, \$3.00 per 100; \$25.00 per 1000.

Just ready to plant out for cutting this winter.

THE GEO. WITTBOLD CO.,
1657-1659 Buckingham Place,
CHICAGO, ILL.

Please mention the American Florist when writing.

TIP TOP TALK.

Kansas City, Mo.
I desire to state that the Fumigating Kind Tobacco Powder gives perfect satisfaction. I consider it the best thing I have ever used for fumigating for green fly and thrips.

A. F. BARBE.

See page 632.

ASPARAGUS

Plumosus Nanus, 2¼-inch pots, per 1000, \$15.00; per 100, \$2.00.

Pansy Plants.

Large flowering, per 1000, \$2.50; per 100, 60c. Cash.

JOS. H. CUNNINGHAM, Delaware, O.

Please mention the American Florist when writing.

Poinsettias.

| | |
|-------------|-------------------|
| | Per 100 |
| 3-inch..... | \$ 8.00 |
| 4-inch..... | 15.00 |
| 5-inch..... | \$20.00 and 25.00 |
| 6-inch..... | \$30.00 and 35.00 |

Strong plants. Satisfaction guaranteed.

Cash with order.

BAUR FLORAL COMPANY, Erie, Pa.

JOHN BURTON, Assignee for
ROBERT CRAIG & SON,
Roses, Palms,
and Novelties in Decorative Plants.
Market and 49th Sts., Philadelphia, Pa.

CYCLAMEN

SPLENDENS GIGANTEUM HYBRIDS. Finest strain in the world, in four true colors, well budded plants with good foliage, from 5-inch pots, \$2.50 per doz.; \$20.00 per 100. Satisfaction guaranteed.

PAUL MADER, East Stroudsburg, Pa.

RUDBECKIA.

| | |
|-----------------------------------------------|---------|
| | Per 100 |
| Extra choice, large clumps..... | \$5.00 |
| Asp. Sprengeri, extra quality, 2¼-in. pots... | 2.00 |
| Asp. Plumosus, extra quality, 2½-in. pots... | 2.50 |
| Asp. Plumosus, extra quality, 3-in. pots.... | 4.00 |

JOHN BROD, Niles Center, Ill.

AUTUMN NUMBER

November 19.

SEND ADVERTISEMENT NOW

Toronto.

Trade is becoming more steady and is not nearly so erratic as our last reports. Now that most of the earlier varieties of chrysanthemums have been cut out there is not nearly so much stock to be seen. Heavy shipping orders have used up most of the roses, and no doubt in a day or two the supply will not be equal to what is required, as the market is certainly settling down to more steady business. Chrysanthemums still predominate but medium-sized blooms are getting scarce. Golden Wedding is coming in quantities, and with its finely shaped blooms and good color makes the most saleable variety of chrysanthemum handled in this market. American Beauty, Bride and Bridesmaid are in very fine shape and well worth the \$8 per 100 at which they are quoted.

George Hollis has been cutting fine chrysanthemums, and several of his seedlings, one a very dwarf white and one a very good yellow, show great promise.

Grobba & Wandrey, of Mimico, are very early with some good plants of cyclamen. This firm has always made a specialty of these, and certainly grow them to perfection. They are at present cutting quantities of bulbous stock and are the first in the market with cut stevia.

Manton Brothers have been cutting fine cattleya and some splendid sprays of *Oncidium varicosum*. They have a new variety of Boston fern which has a very dwarf habit and is so pretty a grower that it will no doubt meet with ready favor with the florists.

G. H. Mills has been cutting some very fine Ivory chrysanthemums, both pink and white. These are so well grown that at the exhibition held by the horticultural society on Tuesday last his vase of twenty-five were far superior to the other varieties shown.

W. J. Lawrence has been cutting some fine chrysanthemums. He has several sports of Dr. Oronhyatekha which show great promise. H. G. D.

Indianapolis.

H. W. Rieman has a very fine lot of *Begonia Gloire de Lorraine*; also several fine chrysanthemum seedlings that will add to his fame as a raiser of new and valuable chrysanthemums.

George Wiegand, Alvin Schreiber, John Hartje and John Bertermann have gone to St. Louis.

The queen of autumn is at its best now, weather conditions being much in its favor.

Smith & Young have a promising crop of cypripediums.

Bertermann's cyclamens are especially fine this year.

J. M. Gasser, of Cleveland, visited us last week.

C. J.

JOHNSON'S HANDY MANUAL.

The latest and best book now on the market for those interested in greenhouse heating and ventilating. This book has just been revised and now contains over 125 pages of valuable information, fully illustrated with cuts and working plans. If you intend to overhaul your heating apparatus, Johnson's Manual will tell you how to do it with the best results. If your boiler consumes too much fuel, Johnson's Manual treats on how to make your plant economical in that respect.

Mr. J. W. Johnson, the Author, is a practical steam and hot-water heating engineer of 25 years' experience. The "Manual" mailed postpaid to all points in U. S. and Canada upon receipt of \$1.00.

J. W. JOHNSON, 802 Stewart Bldg., Chicago.

Please mention the American Florist when writing.

Asparagus

Plumosus Nanus Seedlings. Strong plants ready for 2-inch pots, \$12.00 per 1000; ready for 3-inch, \$2.00 per 100, prepaid.

Drake Point Greenhouses,
YALAHUA, FLORIDA.

BOSTON FERNS.

Extra fine stock, cut from bench now ready for 5, 6, 7 and 8-inch pots at \$25.00, \$50.00, \$75.00 and \$100.00 per 100. **KENTIAS, RUBBERS, ASPARAGUS PLUMOSUS NANUS.** Cash or reference please.

L. H. FOSTER, 45 King St.,
DORCHESTER, MASS.

Nephrolepis Scottii.

The most graceful and symmetrical *Nephrolepis* known. It makes three times as many fronds as the Boston Fern in a given time. Prices, 6-inch pot-grown, ready for 8-inch, \$15.00 per doz.; 7-inch, pot-grown, \$24.00 per doz.; 8-inch, pot-grown, \$36.00 per doz.

John Scott, Keap St. Greenhouses,
BROOKLYN, N. Y.

FERNs.

We are headquarters in the West for these as well as **PLUMOSUS** and **SPRENGERI**. All sizes. Write

GEO. A. KUHLE, Pekin, Ill.

BOSTON FERNS.

4-inch, \$15.00; 5-inch, \$25.00; 6-inch, \$40.00; 7-inch, \$60.00; 8-inch, \$75.00 per 100. Any number at these prices. All short bushy pot-grown plants that are sure to please.

DAVIS BROS., MORRISON, ILL., and
GENEVA, ILL.

Boston Ferns.

Strong bushy plants, from bench, ready for 5-inch pots, 20c each.

ASPARAGUS SPRENGERI.

2½-inch, very strong, ready for immediate shift, \$2.50 per 100; \$20.00 per 1000. Cash.

H. N. EATON, So. Sudbury, Mass.

Asparagus Plumosus Nanus.

Strong 2½-inch plants, \$2.00 per 100; \$20.00 per 1000. 3-inch, \$3.50 per 100; \$30.00 per 1000.

New crop *Shasta Daisy* Seed, trade pkt., 25c; 1 oz., \$5.00; 1 lb., \$50.00. Charges prepaid. Terms Cash or C. O. D.

LOOMIS FLORAL CO., Loomis, Cal.

Boston Ferns.

From bench, \$1.50 to \$10.00 per 100.

ASPARAGUS SPRENGERI, own stock, in fine shape, 2-inch, 2c; 2½-inch, 3c.

CANNAS, in twenty best varieties, \$2.00 per 100.

W. W. COLES, Kokomo, Ind.

NICKEL PLATE.
The New York, Chicago & St. Louis R.R.

NO
EXCESS
FARE
ON ANY
TRAIN

Three Express Trains East every day in the year. Pullman Drawing Room Sleeping Cars on all Trains. Trans-Continental Tourist Cars leave Chicago Tri-Weekly on Tuesdays and Sundays at 2:30 p. m., on Wednesdays at 10:35 a. m. Chicago to Boston without change. Modern Dining Cars serving meals on individual club plan, ranging in price from 35c to \$1.00; also service a la Carte. Coffee and Sandwiches, at popular prices, served to passengers in their seats by waiters. Direct line to Fort Wayne, Findlay, Cleveland, Erie, Buffalo, Rochester, Syracuse,inghamton, Scranton, New York City, Boston and all points East. Rates always the lowest. Colored porters in uniform in attendance on all coach passengers. If you contemplate a trip East, call on any convenient Ticket Agent, or address J. E. JOHN Y. CALAHAN, Gen'l Agent, 113 Adams St., Chicago, Ill.

Palms and Asparagus Cheap.

| | Per 100 |
|-----------------------------------------------------|---------|
| <i>Lafania</i> Bor., 2-in. pot, seed leaves.. | 3.00 |
| " " 8-in. pot, 15-18 in., 2-3 chr. lvs. | 12.00 |
| " " 5-in. pot, 18-20 in., 3-4 chr. lvs. | 15.00 |
| " " 5-in. pot, 20-24 in., 4 chr. lvs. | 20.00 |
| <i>Kentia</i> Bel., 2½-in. pot, 6-8 in., 2 leaves.. | 10.00 |
| " " 3-in. pot, 8-10 in., 3-4 leaves.. | 12.50 |
| " " 4-in. pot, 12-15 in., 4-5 leaves.. | 16.00 |
| <i>Asparagus Sprengeri</i> , 2-inch..... | \$2.00 |
| <i>Asparagus Plumosus Nanus</i> , 2-inch..... | 2.50 |
| " " 3-inch..... | 5.00 |

SHERMAN NURSERY CO.,
CHARLES CITY, IA.

Boston Ferns

Nice, clean stock, from 2½-inch pots, \$5.00 per 100; 3-inch pots, \$8.00 per 100. Cut from the bench, suitable for 4-inch, 5-inch, 6-inch pots, at \$15.00, \$20.00 and \$25.00 per 100.

ARAUCARIA EXCELSA, 5-inch pots, 3 to 4 tiers, 50c each, or \$5.00 per doz.

Ocean Park Floral Co.,

E. J. VAWTER, Pres. OCEAN PARK, CAL.

Fern Bargains

Our stock of the following ferns is exceptionally fine, of deep rich green color and bushy. Early orders receive select plants.

Neph. Bostoniensis, *Neph. Piersoni*,
Neph. Cordata Compacts.

From 4-inch pots..... \$15.00 per 100.

NATHAN SMITH & SON,
Adrian, Mich.Geo. Wittbold Co.,
1657 Buckingham Pl., CHICAGO, ILL.

Send for Price List on

Palms and Ferns
PALMS, FERNS

AND

Decorative Plants.

R. DREYER, Woodside, L. I., N. Y.

ASPARAGUS SPRENGERI.

All Nice, Healthy, Thrifty Plants.

2½-inch pots..... \$1.00 per 100; \$ 8.00 per 1000
3-inch pots..... 2.00 per 100; 18.00 per 1000
4-inch pots..... 3.00 per 100; 25.00 per 1000

Cash with the order.

F. WALKER & COMPANY,
Box 316, NEW ALBANY, IND.

JOSEPH HEACOCK,

WYNCOTE, PA.

—GROWER OF—

Kentia Belmoreana
and **Kentia Forsteriana**

Are all flower growers liars?

Surely this cannot be true. Well, we have over 100 growers who have written us, a large majority without request, their opinions; we publish a few of these letters in the columns of this paper, see on pages 626, 629, 630, 636, what they say about the FUMIGATING KIND TOBACCO POWDER. All began with a five pound trial bag at our expense, which gave them an opportunity, without cost, to prove its GOODNESS and our assertion that it was the most effective, cleanest and quickest, as well as the cheapest (10 cents per 100 foot house) article to fumigate with, and that all kinds of aphids can be killed in one night. Let us send you a five pound trial bag by express, it will cost you nothing but the express charges on it, and be convinced that what your brother growers say of it is true. Our booklet tells of it; we mail it on request.

The H. A. STOOHOFF COMPANY, Tobacco Powder Hobbyists,
116, 117, 118 West Street, NEW YORK.

REED & KELLER,
122 West 25th St., NEW YORK.
Importers and Manufacturers of

FLORISTS' SUPPLIES

Galax Leaves and all Decorative Greens.
New York Agents for Caldwell's Monroe, Ala.,
"Parlor Brand" Smilax.

**Wired
Toothpicks**

10,000, \$1.50; 50,000, \$6.25. Manufactured by
W. J. COWEE, BERLIN, N. Y.
Sample Free. For sale by dealers.

KORAL LETTERS

For Sale by all Wholesale Houses.

Koral Mfg. Co.,
12 Hawley Place, Boston, Mass.

A. HERMANN,

☞ Cape Flowers, all colors.
☞ Cycas Leaves, Metal Designs,
☞ and All Florists' Supplies.

SEND FOR PRICES.

404-412 East 34th Street, NEW YORK.
Please mention the American Florist when writing.

"NICOTICIDE"

THE BUG KILLER

TOBACCO WAREHOUSING & TRADING CO.
LOUISVILLE, KENTUCKY.

**BEST
AND
Cheapest**
ALL-ROUND
INSECTICIDE
on the Market.



For Sale by
Seedsmen.
For Free
Pamphlet
Write to
The Kentucky
Tobacco
Product Co.,
Louisville, Ky.

Autumn Number,

NOVEMBER 19,

SEND ADVERTISEMENTS NOW!

Tobacco Dust
FOR FUMIGATING.

It would pay large users of dust to communicate with us and get samples and prices.

Edwin L. Koppelman & Co., 81 PINE STREET, NEW YORK.

ROSSIG BROTHERS,
—MANUFACTURERS OF—
Artificial Leaves.

ALL STYLES IN HUNDREDS OF DIFFERENT DESIGNS. PAPER AND MUSLIN. SMILAX,
YARDS and PIQUETS. Samples Furnished to the Jobbing Trade Only.

497 West Broadway, NEW YORK.

BEST ENGRAVINGS and ILLUSTRATIONS

—Of Every Description—

FOR CATALOGUES.

SEE OUR WORK IN THIS PAPER.

SEND FOR ESTIMATES.

GLOBE ENGRAVING and ELECTROTYPE CO.

407-427 Dearborn St., CHICAGO.

Please mention the American Florist when writing.

CUT FLOWER BOXES WATERPROOF
Corner Lock
Style.

The best, strongest and neatest folding cut flower box ever made. Cheap, durable. To try them once is to use them always. Per 100 Per 1000

| | | | |
|-------------|---------------|--------|---------|
| Size No. 0. | 3x 4x20..... | \$2.00 | \$19.00 |
| " 1. | 3x 4½x16..... | 1.90 | 17.50 |
| " 2. | 3x 6x18..... | 2.00 | 19.00 |
| " 3. | 4x 8x18..... | 2.50 | 23.00 |
| " 4. | 3x 8x24..... | 2.75 | 26.00 |
| " 5. | 4x 8x28..... | 3.00 | 28.50 |
| " 6. | 4x 8x28..... | 3.75 | 36.00 |
| " 7. | 6x16x20..... | 5.50 | 54.00 |
| " 8. | 3x 7x21..... | 3.00 | 28.50 |
| " 9. | 5x10x35..... | 6.50 | 62.00 |
| " 10. | 7x20x20..... | 9.50 | 67.50 |
| " 11. | 3¼x5x30..... | 3.00 | 28.50 |

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

THE LIVINGSTON SEED COMPANY,
BOX 104. COLUMBUS, OHIO.

Please mention the American Florist when writing.

L. BAUMANN & CO.,
Importers and Manufacturers of
Florist Supplies

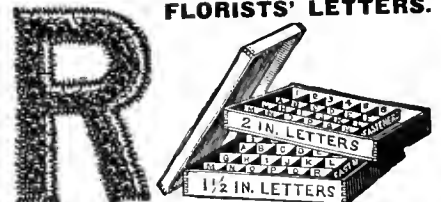
76-78 Wabash Ave., CHICAGO.

Write for our New Catalogue. Our prices may interest you.

Boston Florist Letter Co.

MANUFACTURERS OF

FLORISTS' LETTERS.



This wooden box nicely stained and varnished, 18x30x12 made in two sections, one for each size letter, given away with first order of 500 letters.

Block Letters, 1½ or 2-inch size, per 100, \$2.00.
Script Letters, \$3. Fastener with each letter or word.

Used by leading florists everywhere and for sale by all wholesale florists and supply dealers.

N. F. McCARTHY, Treas. and Manager,
84 Hawley St., BOSTON, MASS.

SIGMUND GELLER,
FLORISTS' SUPPLIES and RIBBONS.

108 West 28th Street, New York.
NOVELTIES always on hand.

Please mention the American Florist to advertisers.

OUR XMAS BELLS

are the best
and cheapest
in the United
States, not one
kind but all kinds.
Ring out the bells!
Wild bells, all bells.

WE DON'T KEEP ANYTHING.

WE SELL EVERYTHING in

Florists' Supplies

YES
We hear
there are others,
but our custom-
ers say the name
"Bayer's drier"
means **THE BEST**
in Florists' Supplies.
Sheaves, Immortelles,
Wheat, Baskets, Doves,
Paper, etc., etc., and you
get them as promptly as
you get them good.

H. Bayersdorfer & Co.

50-56 N. Fourth St., PHILADELPHIA, PA.

Please mention the American Florist when writing.



THE KELLER POTTERY COMPANY,

Manufacturers of FLORISTS' RED STANDARD POTS.

Azalea Pots, Bulb and Fern Pans, Etc.

Write for Price List. 213-15-17-19-21-23 Pearl St., NORRISTOWN, PA.

Standard Flower Pots

The WHILLDIN POTTERY COMPANY,
PHILADELPHIA PA. JERSEY CITY, N. J. LONG ISLAND CITY, N. Y.

Traveling Representative, U. CUTLER RYERSON, 108 Third Ave., Newark, N. J.

REDPOTS

SAMPLE POT AND PRICE LIST
ON APPLICATION.

C. C. POLLWORTH CO., MILWAUKEE, WIS.....

—WRITE—

A. F. Kohr

1521-23 N. Leavitt St., CHICAGO, ILL.,
FOR PRICES OF

Standard Pots which for
strength and
porosity combined are the best on the market.

REDPOTS

WE MAKE THEM.

For prices and sample, address the

Colesburg Pottery Co., COLESBURG,
IOWA.

The Florists' Hail Ass'n.

Now insures upwards of 21,000,000 square feet
of glass. For particulars address

John G. Esler, Sec'y.

SADDLE RIVER, N. J.

"NICOTICIDE" KILLS BUGS

TOBACCO WAREHOUSING & TRADING CO.
LOUISVILLE, KENTUCKY.

STANDARD FLOWER POTS!

| Packed in small crates, easy to handle | | Price per crate | | Price per crate | |
|----------------------------------------|-----------------------------|-----------------|--|-----------------|--|
| 500 2-in., in crate, \$4.88 | 120 7-in., in crate, \$4.20 | | | | |
| 500 2 1/2 " " 5.25 | 60 8 " " 3.00 | | | | |
| 500 2 3/4 " " 6.00 | | | | | |
| 500 3 " " 5.00 | | | | | |
| 500 3 1/4 " " 5.80 | | | | | |
| 500 4 " " 4.50 | | | | | |
| 320 5 " " 4.51 | | | | | |
| 144 6 " " 8.16 | | | | | |

Seed pans, same price as pots. Send for price
list of Cylinders for Cut Flowers, Hanging Baskets
Lawn Vases, etc. Ten per cent off for cash with
order. Address

HILFINGER BROS. POTTERY, Fort Edward N. Y.
Or AUGUST ROLKER & SONS, New York Agents,
31 Barclay Street, New York City.

Standard Flower... POTS

If your greenhouses are within 500
miles of the Capitol, write us, we
can save you money.....

W. H. ERNEST,

28th and M Streets. WASHINGTON, D. C.
Please mention the American Florist when writing



GEO. KELLER & SON,
MANUFACTURERS OF

FLOWER POTS.

Before buying write for prices.

361-363 Herndon Street,
near Wrightwood Ave.,
CHICAGO, ILL.

THOSE RED POTS

"STANDARDS"

FULL SIZE AND WIDE BOTTOMS.
BULB PANS AND AZALEA POTS.

DETROIT FLOWER POT M'Y.,

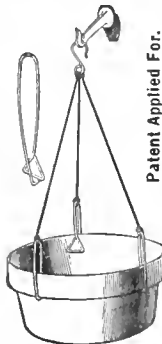
HARRY BALSLEY,
Rep.

DETROIT, MICH.,
490 Howard St.,



Please mention the American Florist when writing.

Kramer's Pot Hanger



The neatest, simplest, most
convenient and only
practical device for convert-
ing ordinary flower pots into
hanging baskets. They fit
all standard made pots from
2 to 10 inches in diameter.
The illustration shows how
they are attached. Just the
thing for hanging up ferns,
begonias, etc. You can make
room and money by their
use. Try them.

FOR SALE BY WHOLESALE
SEEDSMEN, FLORISTS AND
SUPPLY DEALERS.

Price with wire chain as
shown in cut, \$1.00 per dozen
by express. Sample dozen
by mail, \$1.25.

I. N. Kramer & Son,

Cedar Rapids,
Iowa.

Please mention the American Florist when writing.

Louisville.

The past week was one of very good average. Chrysanthemums of good quality are to be had in satisfactory quantities and the demand is exceptional. Roses are good, the quantity and demand satisfactory. Carnations have increased wonderfully in quality and quantity, and the demand has been good. Violets are to be had, and the quality is fine, although the demand is as yet a little slow.

The regular monthly meeting of the Kentucky Society of Florists was held at Schulz's store with a good number present. The committee on premium list failed to have the report ready, owing to some misunderstanding. Anders Rasmussen read his excellent paper on chrysanthemums, which proved interesting. William Mann, who recently returned from an extensive trip west, gave a very interesting talk.

Sunday, November 6, All Souls' day, caused quite a demand for cheap chrysanthemums in pots. There were probably about fifteen to twenty firms represented along the road leading to the Catholic cemetery. The stock was sold very cheap, the plants bringing from about 10 to 50 cents each, but even this could be called a fair price, considering the quality of some of the stock.

At Schulz's, "cut them green," has been in order so far as chrysanthemums are concerned, the demand being unusually good.

Jacob Schulz has gone to visit the World's Fair and World's Fair flower show. August R. Baumer may make the trip.

Nanz & Neuner have been holding a chrysanthemum show in their Fourth avenue place.

August R. Baumer has been displaying good chrysanthemums.

F. L. S.

Kansas City Mo.

Kansas City florists have no complaint to register in the matter of business transacted in the past month. Chrysanthemums have had the call from their very first appearance, in fact the demand for them has kept them cleaned up and in many instances they have been cut before fully developed. Other stock has sold fully as well, although not of best quality. Carnations are not yet as good as they should be. Roses are only fair, but all seem to find a ready sale. Summing up the whole situation the trade for the past five weeks has been fully fifty per cent better than a year ago. Presidential election seemed to cut no figure among flower buyers in this locality.

E. T. Heite & Son of Merriam, Kan., are sending in about 1,500 first-class chrysanthemums per week. They are growing about 12,000 this season and up to date have found sale for every one they cut at good prices.

Geo. M. Kellogg and W. L. Rock are attending the World's Fair flower show. Mr. Rock is making a display.

Quite a number of good orders are booked for next week. November business looks promising.

W.

Valuable to Employers and Employees.

AMERICAN FLORIST CO.:—I must say than the AMERICAN FLORIST occupies a high position in keeping us constantly posted on the doings of the trade. I would not be without it as I consider its notes and illustrations of great value to myself and employees.

Helena, Mont. CHARLES O. HORN.

INSURANCE

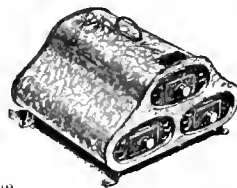
of your plants from freezing in cold weather at but a trifling cost if you will use a

LEHMAN WAGON HEATER.

There is no danger of fire; no smoke, dirt or gases to injure the plants. They burn **LEHMAN COAL** which costs less than 1/2 cent per hour. Can you afford to be without one? 250,000 Lehman Heaters are in use by Florists, horsemen, physicians, etc. They all highly recommend them. What better endorsement could we offer you? Beware of imitations. For circular and price list write

LEHMAN BROS.,
Manufacturers,
10 Bond St., NEW YORK.

J. W. ERRINGER,
General Western Sales Agent,
45 E. Congress St., CHICAGO.



Please mention the American Florist when writing

FLORIST Plain, Violet, Rose

MADE BY

Foil The John J. Crooke Co.

155 Ave. D, NEW YORK. 149 Fulton St., CHICAGO.

M. RICE & CO.,

Importers and Manufacturers,

Leading Florists'
Supply House and
Ribbon Specialists.

918 Filbert Street,
Philadelphia, Pa.

ADAM SCHILLO LUMBER CO.

DEALER IN
ALL KINDS OF Hemlock and Pine

LUMBER

and "PECKY CYPRESS," our new introduction
to the trade.

For Greenhouses.

ALSO CEDAR POSTS of ALL LENGTHS and DIMENSIONS.

Having had an extensive experience in the line of Lumber and Posts needed for Greenhouse work, I am prepared to meet all inquiries. Send for prices.

Cor. Weed and Hawthorne Ave.,
CHICAGO, ILL. Tel. North 1626 & 1627

References given from the leading Florists of Cook County.

Please mention the American Florist when writing.

The Standard



VENTILATING MACHINERY

The original machine with self-oiling cups. The most powerful, least complicated, very compact with ease of operation.

The New Duplex Gutter

Over six miles in use and highly recommended by all. The only Drip Proof gutter on the market.

The Standard Return Steam Trap

It has no equals for simplicity or its working. Catalogue free.

E. HIPPARD, Youngtown, Ohio,

Please mention the American Florist when writing.

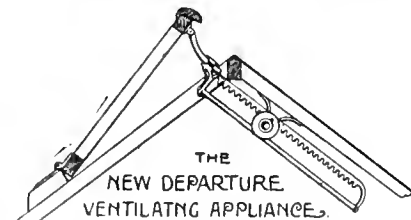
JUST RIGHT FOR

...Thanksgiving

SPECIAL AUTUMN NUMBER

November 19.

SEND ADVERTISEMENT NOW



THE
NEW DEPARTURE
VENTILATING APPLIANCE.

CHEAPEST AND BEST.

If you doubt it try them and be convinced.
Send for descriptive price circular.

J. D. Carmody, Evansville, Ind.

THE AMERICAN FLORIST CO.'S ...Directory

FOR 1904

Hundreds of New Names

and Addresses.

AND contains the usual fully corrected and revised lists of Florists, Seedsmen, Nurserymen, Horticulturists, Landscape Architects, Parks, Cemeteries, Botanical Gardens, Horticultural Societies, Horticultural Supply Concerns of the United States and Canada, Leading Foreign Houses and much other valuable trade information. Price \$2 postpaid.

AMERICAN FLORIST CO.

324 DEARBORN STREET,
CHICAGO, ILL.

PUMPS Rider-Ericson. Second-hand. From \$45.00 up; all repairs; other makes; new; cheap.

BOILERS Second-hand Greenhouse Boilers guaranteed. Send for prices; state size wanted.

PIPE New 2-in. full lengths, with coupling, 8½¢ a foot. Good serviceable second-hand, 2-in., 6½¢; 1½-in., 5½¢; 1¼ in., 3½¢; 1-in., 3¢; ¾-in., 2½¢. New and old fittings and valves.

GARDEN HOSE New, ¾-in., guaranteed 100-lb. pressure, 7½¢ per ft.; ¾-in. not guaranteed, 4½¢ per ft.

HOTBED SASH New. Cypress, 3x6-ft., from 70¢ up; glazed, complete, from \$1.60 up.

Get our prices on New Cypress Building Material, Ventilating Apparatus, Oil, White Lead, Putty, Paint, Points, etc.

OLD GREENHOUSES BOUGHT.

SEND FOR PRICES ON STEAM FITTING TOOLS.

References: Bradstreet's, Dunn's or Broadway Bank of Brooklyn.

METROPOLITAN MATERIAL CO.,

1398-1408 Metropolitan Ave., BROOKLYN, N. Y.

Please mention the American Florist when writing.

CYPRESS
IS FAR MORE DURABLE THAN PINE.

CYPRESS
SASH BARS
UP TO 32 FEET OR LONGER.

GREENHOUSE
AND OTHER BUILDING MATERIAL,
MEN FURNISHED TO SUPERINTEND
ERECTION WHEN DESIRED.

Send for our Circulars.
THE A. T. Stearns Lumber Co.,
NEPONSET, BOSTON, MASS.

Please mention the American Florist when writing

Established 1899. Tel. 174 Bergen.

Phillips Manufacturing Co.

222-226 Kearney Ave., Jersey City, N. J.

Horticultural Architects, Builders
and Heating Engineers.

Designers and Manufacturers of
every description of Glass Houses
for private or commercial uses. Most
modern and up-to-date.

If you write or telephone us, we do
the rest.

—RUSTIC WORK A SPECIALTY.—

Please mention the American Florist when writing.

THE Regan Printing House

—Large runs of—

CATALOGUES

Our Specialty. Write for Figures.

83-91 Plymouth Place. CHICAGO.

Please mention the American Florist when writing

Always Full of Information.

AMERICAN FLORIST Co.:—The FLORIST
is a good trade paper, always full of
information. A. FICHE.

Florists' Paper From Cover to Cover.

AMERICAN FLORIST Co.:—Enclosed find
\$1 for renewal of my subscription as I
see my time is out June 15 and I can not
miss a number. It is truly a florists'
paper from cover to cover.

M. L. PENWELL.



The Johnston Glass Company

Hartford City, Ind.

MANUFACTURERS OF

Window Glass,

GROUND AND CHIPPED GLASS.

Long Distance Telephone.

Direct Western Union Wires.

Please mention the American Florist when writing

The James H. Rice Co.

—IMPORTERS and JOBBERS—

GREENHOUSE GLASS

A SPECIALTY.

Window Glass, Paint, Putty, etc.

80-82 Wabash Avenue and 34 to 40 South Water Street, CHICAGO.

GULF CYPRESS GREENHOUSE MATERIAL

HOT-BED SASH, BOILERS, PIPES, FITTINGS,
VENTILATING APPARATUS.

GLASS AT WHOLESALE.

We furnish everything for building. Send
for prices and catalogues.

S. Jacobs & Sons, 1365-1373 Flushing Ave.
BROOKLYN, N. Y.

STENZEL GLASS CO., GREENHOUSE GLASS.

French and American "WHITE ROSE"
Brand.

2 Hudson St.,
NEW YORK.

101 Portland St.,
BOSTON.

H. M. HOOKER CO.

Window Glass, Paints and Putty.

Greenhouse Glass a Specialty.

59 W. Randolph St., CHICAGO.

Holds Glass
Firmly
See the Point **33**
PEERLESS

Glazing Points are the best.
No rights or lefts. Box of
1,000 points 75 cts. postpaid.

HENRY A. DREER,
714 Chestnut St., Phila., Pa.

FULL SIZE
Nº 2

THE GLAZING POINT
MADE OF ZINC WILL NOT RUST
MANUFACTURED BY
ROBT. J. HENDERSON
5717 COTTAGE ST. PHILA., PA.

75¢ PER LB. SPECIAL PRICES FOR LARGE QUANTITIES

Add 16¢ per pound for postage.

GLASS.

GOOD BRANDS.
QUICK SHIPMENTS.
LARGE STOCK.

Warehouse on railroad switch. Be sure
and get our prices.

Sharp, Partridge & Co.

22nd St. and Union Place, CHICAGO.

D. O. Cunningham Glass Co.

PITTSBURG, PA.

TANK WINDOW GLASS.

Hot-House Glass a Specialty.

Sprague Smith Co.

PLATE AND WINDOW GLASS

Greenhouse Glass a Specialty.

205 Randolph Street, CHICAGO.



EVANS' IMPROVED CHALLENGE VENTILATING APPARATUS

WRITE FOR ILLUSTRATED CATALOGUE
QUAKER CITY MACHINE WORKS
RICHMOND, IND.

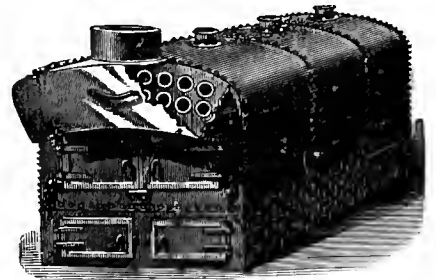
Index to Advertisers.

- Advertising rates.. 610
 Aitken Mark .. 616
 Albany Steam Trp Co 636
 American Flower Co. IV
 Amling E. C. 613
 Aschmann Godfrey .. 628
 Atlantic Coast Nur's 620
 Avenue The Floral Co 623
 Baller F. A. 624 629
 Bassett & Washburn .. 613 625
 Baumann L. & Co. 632
 Baur Floral Co .. 640
 Bayersdorfer H. & Co 633
 Beaven E. A. 617
 Beckert W. C. 11
 Bentley Coatsworth 613
 Berckmans P. J. Co. 624
 Berger Bros. 614
 Berning H. G. 612
 Bertermann Bros Co 616
 Blaauw J. & Co. 620
 Boddington A. T. 618
 Boston Letter Co. 632
 Brague L. B. 622
 Brant D. Wood .. 613
 Breitmeyer's J. Sons .. 616
 Brod John .. 630
 Brown Bag Filling Co. 618
 Bruns H. N. 613
 Buckley W. T. Co .. 628
 Budlong J. A. 63
 Burpee W. A. & Co. 11
 Burton Jno Assignee 630
 Byer Bros .. 629
 Byer Floral Co. 629
 Caldwell the Woodsman Co. 614
 Calif Carnation Co. 630
 Carmody J. D. 634
 Chadwick Chas. 617
 Chase Rose Co. 624
 Chicago Carnation Co 623
 Chicago House
 Wrecking Co. 111
 Cleveland Outflow Co 614
 Coles W. W. 631
 Colesburg Pottery Co 631
 Comey R. H. & Co .. 618
 Conard & Jones Co. 624
 Connell Benj .. 629
 Cotsonas Geo. & Co .. 64
 Cottage Gardens Co 624
 Cowie W. J. 632
 Craig Wm P. 629
 Crooke John J. Co. 634
 Cross Eli. 617
 Crowl Fern Co .. 614
 Cunningham D. O.
 Glass Co. 635
 Cunningham Jos H. 630
 Davis Bros .. 631
 Davis Bros Co. 625
 Deamud J. B. 613
 Detroit Flower Pot Mfg. 633
 Dietsch A. & Co. 111
 Diller Caskey & Co. 111
 Dillon J. L. 631
 Dillon's Mfg Co. 636
 Dornier F. & Sons Co. I
 Drake Point Gr'ses. 631
 Dreer H. A. 621 635
 Dreyer R. 631
 Eaton H. N. 631
 Elliott Wm H. 614
 Elliott Wm & Sons .. 618
 Emmaus Geo M. 630
 Ernest W. H. 633
 Fenrich J. S. 615
 Fisher Peter .. 1
 Flower Growers Co. 613
 Foley Mfg Co. 111
 For sale and rent. 611
 Ford Bros. 615
 Foster Lucius H. 631
 Freeman Jos R. 616
 Gardenera Chronicle I
 Garland Geo M. 111
 Geller Sigmund. 632
 Ghormley Wm. 615
 Gliblin & Co. IV
 Globe Eng Co. 632
 Gunther Wm H. 615
 Gurney Heater Co. 636
 Gutman Alex J. 65
 Hall Association. 633
 Haines John E. 623
 Hansen Julius. 618
 Hauswirth P. J. 616
 Heacock Jos. 631
 Heller & Co. 11
 Heller Bros. 622
 Henderson Robt J. 635
 Herendean Mfg Co. IV
 Hermitage Carnat Co 625
 Herr Albert M. 625 629
 Herrmann A. 632
 Hess & Swoboda. 616
 Hewa A. H. & Co. 633
 Hildinger Bros. 633
 Hill The E. G. Co. 1
 Hippard E. 634
 Hitchings & Co. IV
 Holm & Olson .. 616
 Holton & Hunkel Co 612
 Hooker H. M. Co. 635
 Horan Edw C. 615
 Hort Advertiser. 11
 Hunt E. H. 613
 Indianapolis Floral Co 617
 International Flow-
 er Delivery .. 616
 Jacoba S. & Sons .. 635
 Jennings E. B. 11
 Johnson J. W. 631
 Johnston Glass Co. 635
 Kasting W. F. 1
 Keller Geo. & Son. 633
 Keller Pot Co. 633
 Kennicott Bros. Co. 617
 Kentucky Tobacco
 Product Co. 632
 Kervan Co The .. 614
 King Construction Coll 111
 Kohr A. F. 633
 Koppelman E. L. & Co 632
 Korai Mfg Co. 632
 Kramer I. N. & Son. 633
 Kreshover L. J. 614
 Kroeschell Bros Co 636
 Kuehn C. A. 612
 Kuhl G. A. 626 629 631
 Lager & Hurrell. 629
 Lang Julius. 615
 Langjahr A. H. 615
 Larshmont Nurseries 623
 Lehman Bros. 634
 Lee C. K. 614
 Livingston Seed Co 632
 Lockland Lumber Co 111
 Loomis Floral Co. 631
 Lord & Burnham. IV
 Loven J. G. 617
 Mader Paul. 630
 May John N. 1
 McCullough's J. M.
 Sons Co. 612
 McKellar Chas W. 617
 Menand H. L. 614
 Mette Henry .. 11
 Metropolitan Mate-
 rial Co. 635
 Mich Cut Flower Ex 614
 Millang Chas. 615
 Mills The Florist. 616
 Moller Ludwig .. 11
 Moninger J. C. Co. 111
 Moon The Wm H Co 624
 Moore Hentz & Nash 615
 Mosbach Ludw. 629
 Murchie John. 626
 Murdoch J. B. & Co. 612
 N. Y. Cut Flower Co. 615
 N. Y. Cut Flower Ex. 615
 Nickel Plate R. R. 631
 Niessen Leo Co. 614
 Northern Michigan
 Evergreen Nursery 67
 Ocean Park Floral Co 631
 O'Hagan J. H. 621
 Palmer W. J. & Son 616 626
 Park Floral Co. 616
 Peacock L. K. 629
 Peterson Nursery. 620
 P. Hila Cut Flower Co 617
 Phila. Wholesale
 Flower Market. 614
 Phillips Mfg Co. 635
 Pierson-Sefton Co. IV
 Pittsburg Cut Flo Co 612
 Pittsburg Florist Ex 612
 Poehlmann Bros 613 626
 Pollworth C. C. Co 616 635
 Pritchard J. N. 614
 Quaker City Mach Wks 635
 Randall A. L. Co 613 625
 Rawson W. W. & Co. 11
 Raynor J. I. 615
 Reed & Keller. 632
 Regan Print House 635
 Reinberg Geo. 613
 Reinberg Peter. 622 626
 Rennison J. C. 626
 Rice Bros. 617
 Rice James H. Co. 635
 Rice M. & Co. 634
 Robinson A. Pills. 621
 Robinson H. M. & Co 614
 Roehrs Julius. 624
 Rolker A. & Sons. 624
 Rossig Bros. 632
 Saeder & Sons. 618
 Schillo Adam. 634
 Schluraff Floral Co 69
 Scott John .. 631
 Sharp Partridge & Co 635
 Sherman Nursery Co 631
 Sheridan W. F. 615
 Sievers & Boland. 616
 Sinner Bros. 617
 Skidellak S. S. 626
 Smith Nath. & Son. 631
 Smith W. & T. Co. 1
 Smits Jac. 624
 Sprague Smith Co. 635
 Standard Pump &
 Engine Co. IV
 Stearns Lumber Co 635
 Stenzel Glass Co. 635
 Stoothoff H. A. & Co
 .. 626 629 630 632 636
 Styer J. J. 11
 Swayne Wm .. 623
 Syracuse Pottery Co 633
 Thomas W. H. 623
 Thompson J. D. Car-
 nation Co. I
 Thorburn J. M. & Co. 11
 Tobacco Warehouse
 & Trading Co. 632 633
 Traendly & Schenck 615
 Van Kleef W. & Sons 624
 Vaughan's Seed Store
 .. 11 619 624 625 629
 Vaughan & Sperry. 613
 Vick's Sons Jas. 11
 Walker F. & Co. 631
 Watson W. H. 626
 Weber F. C. 616
 Weber H. & Sons. 623
 Weeber & Don. 11
 Weiland Peter. 612
 Weiland & Risch. 619
 Welch Bros. 614
 Whildin Pot Co. 633
 Wietor Bros. 612
 Winandy M. 613
 Winterson E. F. Co. 622
 Wittbold Geo Co
 .. 11 616 630 631
 Wolf John .. 612
 Wood Bros. 623
 Young John. 615
 Young Thos Jr. 615 616
 Young & Nugent. 615

KROESCHELL BROS. CO.
IMPROVED

Greenhouse Boiler,

45 Erie St., CHICAGO.



Boilers made of the best of material, shell, fire-box sheets and heads of steel, water space all around (front, sides and back). Write for information.

Please mention the American Florist when writing.

Evansville, Ind.

Mrs. Wm. Blackman, wife of Wm. Blackman, Sr., of the Blackman Floral Company, died Saturday, November 5, aged 63 years, and was buried Tuesday, November 8, in Oak Hill cemetery. Mrs. Blackman had lived in Evansville many years, coming here from England. Four sons and one daughter survive.

Miss Nellie Goodge and J. D. Carmody have gone to St. Louis to take in the flower show.

J. B.

DON'T LET 'EM SUFFER.

Leominster, Mass.
 Find check for 500 lbs. Fumigating Kind I am very much pleased with your Tobacco Powder; no need of having plants suffer from green fly with such an easy remedy.

J. FULLER.

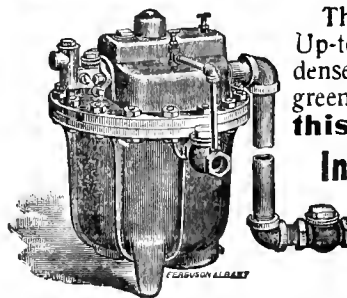
See page 632.

Eureka Greenhouses.

The Best and Lowest in Price. All houses erected at the factory and shipped to purchasers with blue prints, photographs and plain directions so that any person can put them up.

DILLON GREENHOUSE MFG. CO., Bloomsburg, Pa

Steam Traps SAVE COAL



This is the Return Steam Trap used by the Up-to-date Greenhouse men to return the condensed water from the heating coils in their greenhouses. Have been in use for this purpose over 30 years.

Insures an Even Temperature.

Send For Red Catalogue.

Albany Steam Trap Co.

ALBANY, N. Y., U. S. A.

CROP INSURANCE.

Life insurance is valuable because it guarantees the outcome.

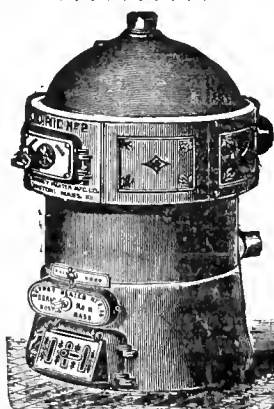
"Gurney" Heaters

"BRIGHT IDEA," "DORIC" and "400 SERIES" do the same thing for your hothouse: THEY GUARANTEE THE CROP. First of all they save 20 per cent on the coal bill and so keep expense at a minimum. Next, they produce an even heat and so do not imperil the life of the plant. Next, they are simple to operate and so require least attention. Lastly, they wear longer than others and thus perceptibly reduce the capital invested. Don't buy or exchange until you've investigated them.

GURNEY HEATER MFG. CO.

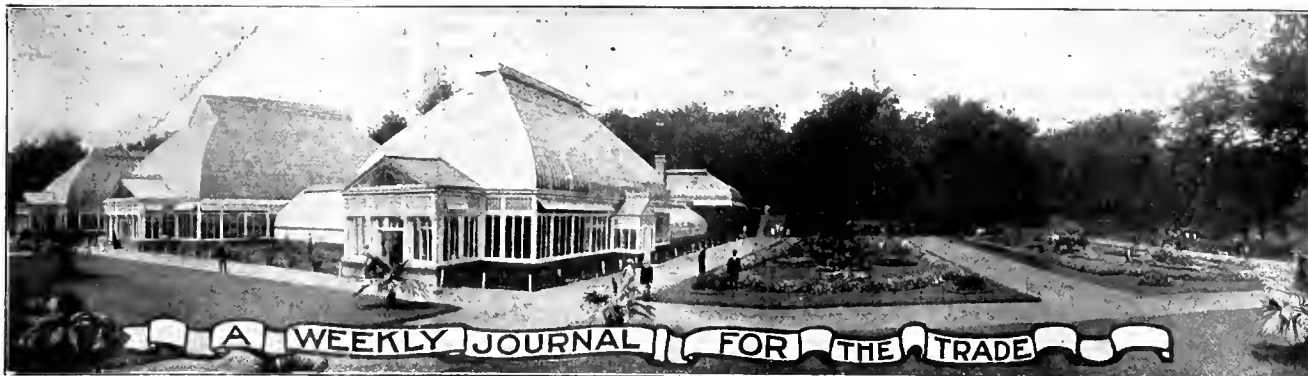
74 Franklin Street,
 BOSTON, MASS.

111 Fifth Avenue,
 NEW YORK CITY.



"DORIC" HEATER.

THE AMERICAN FLORIST



America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."

Vol. XXIII.

CHICAGO AND NEW YORK, NOVEMBER 19, 1904.

No. 599

THE AMERICAN FLORIST

TWENTIETH YEAR.

Copyright 1904, by American Florist Company.
Entered as Second-Class Mail Matter.

PUBLISHED EVERY SATURDAY BY

AMERICAN FLORIST COMPANY,

324 Dearborn St., Chicago.

Eastern Office: 42 W. 28th St., New York.

Subscription, \$1.00 a year. To Europe, \$2.00.
Subscriptions accepted only from the trade.

Volumes half-yearly from August, 1901.

SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—PHILIP BREITMEYER, Detroit, Mich., president; J. J. BENEKE, St. Louis, Mo., vice-president; Wm. J. STEWART, 11 Hamilton Place, Room 11, Boston, Mass., secretary; H. B. BEATTY, Oil City, Pa., treasurer.

OFFICERS-ELECT—J. C. VAUGHAN, president; J. R. FREEMAN, vice-president; secretary and treasurer as before. Twenty-first annual meeting at Washington, D. C., August, 1905.

THE AMERICAN CARNATION SOCIETY.

Annual convention at Chicago, 1905. ALBERT M. HERR, Lancaster, Pa., secretary.

AMERICAN ROSE SOCIETY.

Annual meeting and exhibition, Boston, Mass., 1905. LEONARD BARRON, 136 Liberty St., New York, secretary.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Annual convention and exhibition, November, 1905. FRED H. LEMON, Richmond, Ind., secretary.

Chaste Chrysanthemums.

(University (Glee Club at Richmond, Va.)

On a mouse's gentle breast a snow white blossom lay,
Its tangled petals blushing in the glow of a dying day,
As dreamy music stirred the languorous, perfumed air,
Any fragile cups, aroma-crowned, were passed by fingers fair.

A hand snatched the flower from the little mouse's breast,
While a burst of cruel laughter applauded loud the jest.
"We'll take the prize back with us to the land from which we've come,
And we'll garland football victories with the chaste chrysanthemum."

So now far from the Orient, the son of Heaven knows,
His sacred flower is common where the tide of Broadway flows,
On those wild nights of joy when a "gridiron's" battle's o'er,
And boys and girls all wear a 'mum if ne'er they did before

—Richmond Dispatch.

CONFERENCE OF HORTICULTURISTS

At World's Fair Flower Show, St. Louis, Nov. 10, 1904.

Pursuant to the call of Chief Taylor, representative florists, seedsmen and horticultural representatives at the World's Fair met in Room E of Chief Taylor's office at 3:30 Thursday afternoon, November 10. Chief Taylor opened the meeting, emphasizing the possibilities of united action in any direction, and particularly when applied forcibly to World's Fair enterprises, illustrating his point by reference to the liberal provisions made for the live stock exhibits at the present fair. He introduced as chairman Professor William Trelease. Professor Trelease, on taking the chair, appointed Professor L. R. Taft secretary of the meeting and briefly outlined the reasons for the call and the matters which were in hand to be taken up by the meeting. The various letters and telegrams were then read by the secretary. Space prevents us giving these in full, but extracts from them follow.

In calling the meeting to order Chief Taylor said:

When I came here, about three years ago, the outline of the different departments of the exposition had been pretty well made. Classifications had been adopted pretty much as they now are, and in general the plan of the work had been adopted by the officials of the exposition. The way in which the horticulturists could have secured some things which are not given them may be well illustrated by my telling now another line of interests related to agriculture did get some things which they went after.

Before I came, or rather before I had been appointed to the position I now hold, and while I was doing some general work for the officials, the question came came up very forcibly as to whether a certain other department had been provided for. The first thing anyone knew there came a large delegation, insisting that the interests represented by the department be given a separate classification. These gentlemen came, representing many national organizations, and insisted that this was a subject of such importance that it should be accorded a separate department in the exposition; that the only way to bring about an exhibit

of any importance was to have a quarter of a million dollars in premiums, and as a result of the work which was done that department was made separate and a quarter of a million dollars which they demanded was given.

I believe that if at the right time at this exposition there had been a representative body of horticulturists, saying there should be set aside \$100,000 for the payment of cash prizes upon flower shows, that it would have been done. I believe that if it had been said that there should be flower shows scattered throughout the period of the exposition, beginning after the flowers came and running, with periods of two weeks between, and that there should be paid five or ten thousand dollars in cash premiums at each show, it could have been done. In a kind of a way and as best I could, late in the season, when it was too late to have the effect which it should have had, I myself asked that there be set aside a small amount of money for flower shows, at each of which \$1,000 should be paid in premiums. I wrote three times and then received an apologetic reply that while it was recognized that it would be very desirable and they would like to do it, they were up against it. They have always been very courteous and done for the department pretty much everything I have asked for, but this is one of the cases where a lot of pressure, brought to bear by persons who were directly interested in it and did not have a selfish motive but the general interests of horticulture at heart, could have brought about splendid work and results which all would like to have seen and which are well illustrated in the one flower show over in the Horticulture building to-day, the greatest attraction at the exposition.

If there were an executive committee, representing the horticultural organizations, instructed that whenever a case of that kind was to be considered to appear as the authorized representatives of horticulture, and to request, insist, and, if necessary, demand that horticulture be given what it ought to have, then there will be an organization which will be very helpful. There are a number of very

strong horticultural organizations, and I presume many of us here are members of them. I recall very well the time when the National Nurserymen's Association was started. My own membership has most of the time for twenty-five years been in that organization, as I was interested in that branch of the work. Since then there have been many organizations, but down to the present time there has not been established one to act in concert upon occasions of this sort, when through the officers of these associations or some other way there may be one organization to look out for the interests of horticulture in its broadest sense.

I know of nothing which is so easy to get into the newspapers as stories of horticulture if they have not the business stamp of some one upon them, and the very highest class publications are always glad to publish them. An organization of the kind we are desirous of organizing might do a good deal to help in the publicity, and thus the general growth of horticulture.

BY WILLIAM FALCONER, PITTSBURG.

With all my heart I shall be glad to do what I can for so worthy an object as that announced for your gathering. I will not touch advanced horticulture, either fruits, flowers or vegetables, but strike directly at the very foundation of horticulture, that is the beginner, for it is here, I am satisfied, that the greatest necessity prevails.

We should endeavor to convert to horticulture every person in this broad land of liberty who owns a home or lives in one, whose garden may be an acre patch or a simple window sill in a back alley. Every living person has flowers in his or her heart and would grow them in their homes if they knew what would grow there and how easily these plants can be cultivated. Help these people and you help yourselves, and you brighten and glorify this country. Our minds revert to the lovely flower-filled cottage and window gardens of England, France, Germany and other old country homes, and the question strikes us—why not the same here, and more so than there, for means are more ample and prosperity broader here than there? Your association can help this. Reach those people and show them how. The results will stimulate the florist business by creating a greater demand.

My long and intimate connection with decorative gardening and acquaintance with amateurs who would, if they could, have beautiful gardens, convinces me that in this line the greatest need of the American people is brief, pointed, reliable, practical information respecting their gardens and what to plant in them and how and when to plant it. This does not apply to public parks or pretentious private properties where landscape or professional gardeners are employed, but to the small country and suburban yards and town lots of the vast multitude of our busy citizens who do their own work or have the occasional help of a hired man. The horticultural press scarcely at all reaches these people.

Every person who has a home lot wants to beautify it and would do it if he knew how, but the great majority of them do not know anything about trees, shrubs or garden flowers and don't pretend to, but they are aching for reliable help or advice. Your association can give it to them. And in helping these people you are helping yourselves, you are creating a demand for your supply.

In an amateur who begins aright and whose garden lot has been designed conveniently and appropriately, and whose plants are pleasing and thriving, the spirit of gardening is insatiable; he wants more and more, and the contagion of experiment seizes him and he becomes a living impetus to your business. And emulation seizes his neighbors and friends, they behold in his garden the proof of what can be done and what will grow, and they too endeavor after similar results. But let an amateur start in wrong and botch his place and plant unsuitable material and in an improper manner, the results are displeasing and unsatisfactory and he gets disheartened or disgusted, his interest flags and he and his place becomes a "horticultural frost" at home and abroad. Now a little plain, practical, trustworthy advice to this man to begin with would have obviated all this and turned the tide from woe to joy and his home would have been a glowing tribute to horticulture instead of a cloud upon it. Voluminous advice to a beginner is a mistake, so too are long lists of plants for any purpose. Let simplicity and brevity rule in all your teachings.

A few general principles are applicable in all cases. All trees, shrubs, roses, vines and perennials recommended for a certain locality should be beautiful in themselves and easy to grow. Every outdoor garden, large or small, should have interest and beauty from frost in spring until frost in fall, and selections for its furnishment, even if only a dozen kinds, should be chosen with this end in view. And as all people yearn for cut flowers in their dwellings, the blossoms of their gardens, like peonies and lilies, should be such as are adapted for this purpose. Avoid expensive plants, miffy plants, weedy plants and such as have inconspicuous flowers, but give them the good old fashioned favorites as irises, bleeding heart, pinks, bell-flowers and the like, and be sure to include some vigorous floriferous roses, of which Crimson Rambler shall be one.

Don't decry bedding plants because to do so may be a modern fad. Remember the scarlet geranium is the most universally grown and popular garden plant on earth, it prevails in the tin cans of our poorest tenement windows and adorns the painted parterres of our palace gardens. A flower bed is intuitively

in the first gardener's heart, and that's all right, but tell him where to put it—never in the middle of his lawn. Encourage poor people who cannot afford to buy plants, show them what can be done with a few cents' worth of seeds, say nasturtiums, zinnias, Drummond's phlox and mignonette.

Because a man planted Carolina poplars as shade trees and the borers riddled and destroyed them, or chestnuts and the larvae of the tussock moth defoliated them, or a group of lilacs and the borers infested them and bark scale killed them, don't let him get discouraged, you can help him. Some affluent men want and get and plant the finest varieties of rhododendrons obtainable, and they are charmed with the vivid gorgeousness and profusion of these shrubs the first year, and they are exultant in their success and the envy of their neighbors, but, alas, the following year their rhododendrons are dead or dying, and all of their happy hopes are blasted and they become disgusted with gardening. Now, expert advice would have saved them from this mortification, it would have named absolutely hardy sorts, less brilliant in hue maybe, but year after year they would have gone on increasing in size and glory and exerting a proud and exhilarating influence in the gardening sphere of their owner, and he'd want more of them and his neighbors would want some too.

The vital question now is: How can we best reach these people? My own experience is: Through our schools, village improvement societies, practical men, our churches, the daily press and local country weekly newspapers, and our commercial horticulturists. In the Phipps Botanical School at Pittsburg 700 children of the public schools are being instructed in botany, the material used in their work is living plants from the parks and conservatories, and they also have field days in the parks and woods. It is their favorite study.

Arbor day planting is a most laudable feature in our school work, it is a gala day for the children, and earnestly do they enter into its spirit and heartily enjoy it. It familiarizes them with trees and the importance of forestry. There should be a village improvement society in every town to encourage and advise in the beautifying of the home grounds and the systematic planting of street



AMERICAN BEAUTY ROSES AT WORLD'S FAIR EXHIBITION.

(Poehlmann Brothers Company's first-prize vase in the foreground.)



Frederic W. Taylor.



P. J. Hauswirth.



J. H. Hadkinson



J. C. Vaughan.



J. B. Deamud.



W. N. Rudd.



Leonard Kill.



Otto G. Koenig.



Fred H. Meinhardt

SOME OF THE ACTIVE WORKERS AT THE WORLD'S FAIR FLOWER SHOW.

trees. Many practical men, for the asking, would most gladly advise them in this matter. In fact, these practical talks by practical horticulturists should be sought and encouraged by social clubs, boards of trade and village societies, and they should be free to everybody. And a most educating influence are village or town flower shows and exhibits of window plants. And my experience in this line is emphatically in favor of these

further conclusion that this representative body, if it had a permanent existence, might be the means of accomplishing much in the future.

The art of gardening in America has made great strides in recent years, but a great amount of missionary work still remains to be done, especially in the more newly settled part of the country. World's fairs and exhibitions of all kinds, the press, the school, the experiment sta-

capita basis. Florists' clubs, horticultural societies and similar bodies would be glad to send a delegate annually and contribute a per capita to defray necessary expenses. To the gentlemen who have so generously sacrificed their time and means in connection with the chrysanthemum show we ought to be all deeply grateful, and it is certain that we will all reap the benefit some time directly or indirectly.

[TELEGRAM.]

PROF. WILLIAM TRELEASE, Chairman:
The Florists' Club of Philadelphia extends greetings to the representative horticulturists assembled in St. Louis and cordially endorses their efforts to broaden and deepen the theory and practice of gardening in America. Our countenance and support may be counted on in any movement calculated to attain that end. JOHN WESTCOTT, Pres.

November 9, 1904.

[TELEGRAM.]

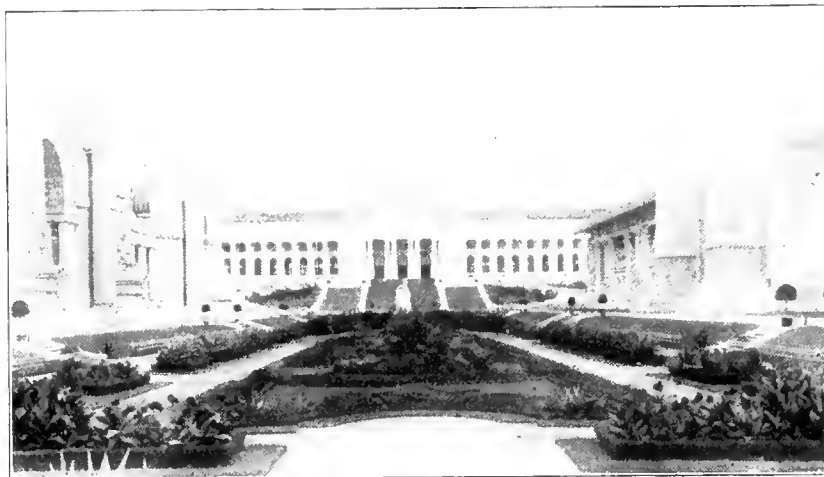
PROF. WILLIAM TRELEASE, Chairman:
Congratulations to horticulturists and florists assembled. Am with you in spirit. The occasion is a profound one from which will surely redound great things to the craft and people generally. EDGAR SANDERS.

November 10, 1904.

With the close of the reading of papers and telegrams Chairman Trelease invited discussion. Interesting talks were had from F. R. Pierson, H. C. Irish, President Philip Breitmeyer, J. D. Carmody, H. G. Selfridge, J. C. Vaughan and others. The chair announced that a letter from Professor C. S. Sargent had been received at his office too late to bring before the meeting. On the motion of P. J. Hauswirth, seconded by F. R. Pierson, the following resolution was adopted: That a committee of seven be appointed to effect a temporary organization, with power to invite delegates to attend a convention in order to effect a permanent organization and consider this matter as suggested to-day.

The chair announced that he would make up this committee, including in the number at least four of those present, that the spirit of the work begun would be understood and carried forward by the committee, the full list of which he would announce at a later date after communicating with them. The meeting then adjourned.

Papers were also read from Luther Burbank, who telegraphed expressing his interest in the conference, from



SUNKEN GARDENS, WORLD'S FAIR, ST. LOUIS.

shows and exhibits being gotten up at the expense of the town and free to everybody, and no prizes given. Make it a social affair and have good music.

Our churches can do much good work. A Sunday in June is children's day, and it is a perfect flower feast. In many of our churches every child in the Sunday school is presented with a potted plant to take home and grow. And thus the seeds of floriculture are being sown. Our daily press, and, too, our local country weekly newspapers, can do a great deal in disseminating useful horticultural knowledge and reach people that neither agricultural nor horticultural periodicals ever get to, but it is right here where the eyes of your association must be the sharpest. You should prepare the matter for these papers, or have it gotten up by competent men, so that it shall be the concise, plain, helpful truth. And our seedsmen, florists and nurserymen can help most mightily. If they prepare leaflets giving the proper cultural treatment of the several plants or seeds they sell, and enclose or pack these with the goods what an aid it would be to their customers.

BY GEORGE C. WATSON, PHILADELPHIA.

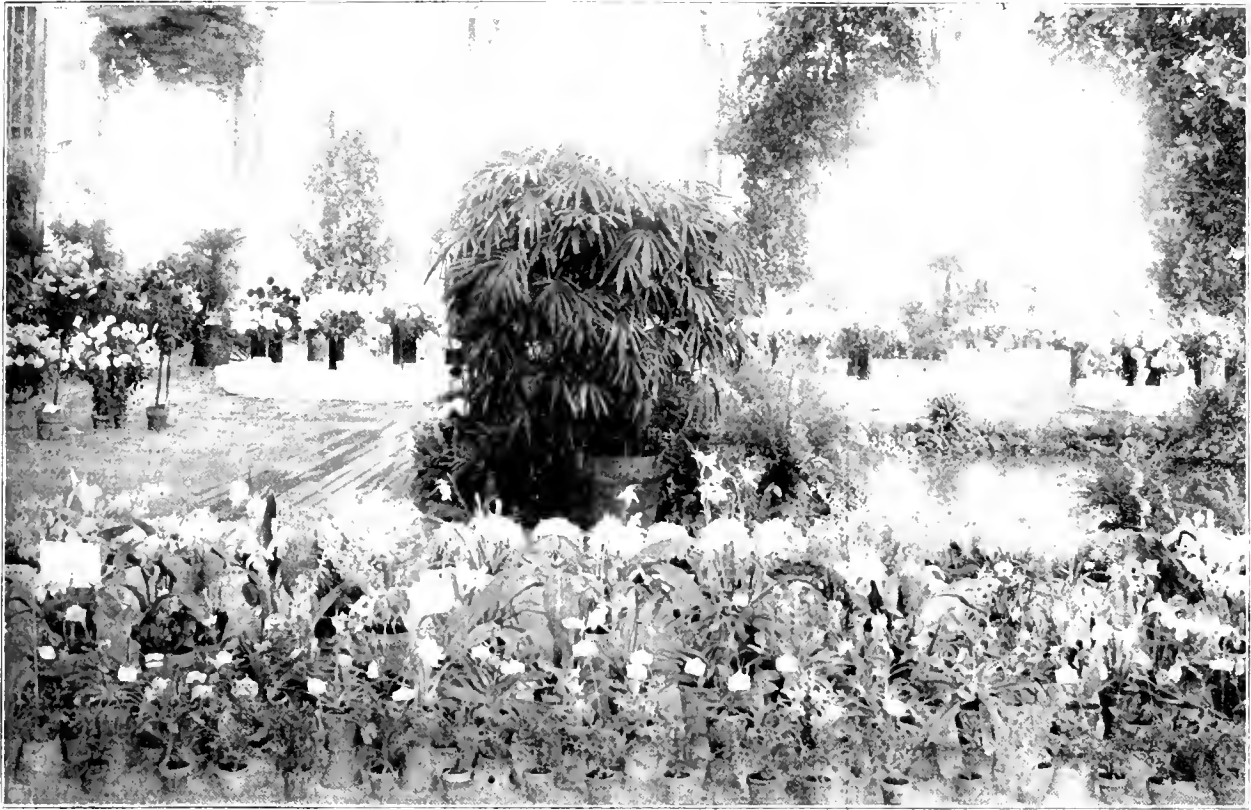
It is gratifying to myself, and I feel sure also to all of us who are engaged in commercial horticulture, to know of the good work being done at the World's Fair in connection with the chrysanthemum show. Such an exhibition is of commanding interest to the general public and does a great deal for the promotion of horticulture in America. It is to be regretted that a number of such exhibitions of seasonable products was not organized from the opening to the close of the fair. With such a representative body of the leaders of horticulture interests as are now back of the chrysanthemum show a series of exhibitions might have been arranged during the summer and fall and a vast amount of good done. This thought leads naturally to the

tion, are all agencies that if wisely guided might be made the means of educating the general public to a realization of correct taste in horticultural matters. All these agencies are anxious to do and say the right thing, and frequently ask of those engaged in the practice of horticulture: "What do you want us to do?" or "What lines shall we organize, or experiment, or talk in order to help you, and in helping you with your problems thus help in developing all that is best in the theory and practice of gardening in America?"

If there existed a national horticultural council, consisting of the people who have attained eminence in that line, they could wield an enormous influence, not only in guiding affairs into the proper channel, but in curbing misdirected effort. There is often a great deal too much being done in some directions and not nearly enough in others. Such a council could readily be organized on the delegate and per



HENRY A. DREER'S AQUATIC DISPLAY, WORLD'S FAIR, ST. LOUIS.—Grand Prize.



ORCHID EXHIBIT AT WORLD'S FAIR EXHIBITION.

(Rhipsalis in center shown by Shaw's Gardens.)

Wilhelm Miller and from Prof. C. S. Sargent, all of which will appear in a later issue.

A National Council of Horticulture.

What promises to be one of the most useful steps yet taken for the promotion of American horticulture had its origin at a general horticultural meeting held in St. Louis November 10, in connection with the national flower show. After listening to papers setting forth the needs of our profession by Luther Burbank, William Falconer, Wilhelm Miller, C. S. Sargent and George C. Watson, the gentlemen present turned to the consideration of means by which the varied and numerous horticultural interests of the country might be placed in closer touch with one another, so that the needs of each might receive the support of all. The opinion was unanimous that the time is ripe for the organization of a central council, in the membership of which should be found permanent official representation of such national societies as the American Civic Association, the Society of American Florists, the American Pomological Society, the nursery and seed trade associations, the plant breeders, etc., etc., establishments like the Arnold Arboretum, the National Bureau of Plant Industry, the Missouri Botanical Garden, etc., the horticultural press and gentlemen of means and leisure who, though unofficially connected with such organizations, are devoting their effort to increased knowledge and use of cultivated plants and to their improvement.

The organization of the proposed council was placed in the hands of a committee of representative men, most of whom are not interested in commercial

horticulture, who will probably associate with themselves an auxiliary trade committee, and it was the earnest hope of all who attended the meeting that this organization committee may succeed in enlisting the interest of everyone who wishes to see horticulture—in the broadest possible sense—advanced through the co-operation which alone promises the largest results with the minimum of effort and waste.

There are many ways in which good work can be done through the proposed council. Some of these were touched on in the papers read, and in the following discussion at the St. Louis meeting, which will probably be published in the horticultural journals within the next few weeks; but not a tithe of its possibilities could be even mentioned in the limited time claimed by participants in the meeting, and it is to be hoped that the columns of the press will be freely opened and extensively and promptly used in discussion of the subject while the plans of the committee are shaping themselves.

WILLIAM TRELEASE.

World's Fair Flower Show Notes.

At the formal opening, 3 p. m., Monday, Chief Taylor introduced Chairman Vaughan of the executive committee, who outlined the conditions under which the World's Fair Flower Show Association was organized, stating the need of action for the general benefit of horticulture as it had appeared to members of the committee and outlining the progress of the development of the show. He then formally tendered the exhibition to President Francis. The latter in reply thanked the committee heartily for its efforts, and in accepting the show pronounced it worthy of the occasion and in

line with other great industries of the exposition.

In the distribution of the posters around the World's Fair buildings Fred Meinhardt met with only one rebuff. At most places the posters were eagerly accepted, but when an official in the Russian section took a good look at the Japanese flower girl he pushed it back, gruffly saying something which Fred says sounded like "Notskyonyourlifesky!"

The earlier decorative plant displays of the exposition made a good background around the sides of the hall. Manager Hauswirth had fine effects on the central columns and the west entrance, also the ticket-selling booths, with highly colored oak foliage. The large, bare stairway at the west was divided and decorated with palms to great advantage.

At a committee meeting Wednesday of this week Treasurer Rudd and Auditor Deamud stated that guarantors would not only be refunded the first assessment, which they have paid, but receive a dividend of between fifteen and twenty-five per cent.

Friday afternoon, November 11, ten of the lady managers of the World's Fair visited the flower show and were taken through the exhibits by the judges, members of executive committee and the manager and received on leaving a souvenir bunch of blooms of Fiancee.

H. G. Selfridge's orchids, C. Gebhardt gardener, were the center of attraction Monday afternoon, while Vaughan's grafted chrysanthemum plant and Baby Rambler roses came next.

E. T. Grave, of Richmond, Ind., showed one vase each of Carnations Eucharist, Moonlight, Lawson, Harry Fenn and a vase of fifty seedlings, all for exhibition only.

Arthur Cowee very kindly accommodated the management with many of his beautiful glass vases which had been used during the summer for his gladiolus displays.

Nineteen vases, 14-inch, standing about five feet high, of 100 blooms each, in separate colors, were not lost by any means, even in the mammoth hall.

Messrs. Koenig, Meinhardt, Juengel, Kuehn and others did good work at the show, the first two being on hand day and night.

The magnificent vases of 100 chrysanthemums and 100 American Beauty roses made a display seldom equaled in effect.

J. D. Thompson's Robert Craig, the grand new scarlet carnation, was the recipient of much general admiration.

Careful observers believe that the flower show visitors would have paid 50 cents as readily as 25 cents admission.

The reception office and Manager Hauswirth's office were located in the northeast corner of the conservatory.

Treasurer Rudd brought back thirty-three pounds of St. Louis money in his strong handbag Sunday night.

The St. Louis Star printed a colored page devoted to the flower show in its Sunday issue, November 6.

The Republic of Wednesday gave three and a half columns to the show, with large illustrations.

Some patrons were inclined to object to the incompleteness of the display Monday forenoon.

Saturday's crowd packed the entrances of the conservatory to the limit from 2 to 4 p. m.

Peterson's Lorraine begonias and Pandanus Veitchii made a very effective exhibit.

The banquets to the workers and judges at the Live Stock inn were memorable.

Over 31,000 adults paid admission to the show.

Additional Awards.

The following are additional World's Fair Flower Show awards:

For best seedling rose, not in commerce, twenty blooms, silver cup, E. G. Hill Company, Richmond, Ind.

For best red seedling, fifteen blooms, E. G. Hill Company, certificate of merit.

For the best seedling chrysanthemum, ten blooms, silver cup, Nathan Smith & Son, Adrian, Mich., with unnamed seedling, elegant mauve white.

For best white seedling, ten blooms, E. G. Hill Company, certificate of merit.

Best carnation not in commerce, fifty blooms, Chicago Carnation Company, silver cup, with Fiancee. Same for best light pink carnation, certificate of merit.

For the best scarlet carnation: Guttman & Weber's Victory, certificate of merit.

For best arrangement vase of American Beauty roses, 100 blooms: First, P. J. Hanswirth, Chicago, \$100; second, F. C. Weber, St. Louis, Mo., \$75; third, L. W. Rock, Kansas City, Mo., \$50; fourth, Bassett & Washburn, Chicago, \$25.

Best arrangement vase chrysanthemums, 100 blooms: First, F. C. Weber, \$75; second, W. J. and M. S. Vesey, Fort Wayne, Ind., \$50; third, L. W. Rock, \$25.

Best arrangement chrysanthemums, 50 blooms: First, no award; second, W. J. and M. S. Vesey.

Best basket of roses, arranged for effect: First, F. C. Weber, \$35; second, W. L. Rock, \$25.

Best basket of carnations, arranged for effect: First, W. L. Rock, \$25; second, F. H. Rowe, Joliet, Ill., \$15.

Best bride's bouquet: First, F. H. Rowe; second, W. L. Rock; third, F. C. Weber.

Best display of lily of the valley, cut blooms: H. N. Bruns, Chicago, \$25; second, August Jurgens, Chicago, \$15.

Best display of violets: First, Eli Cross, Grand Rapids, Mich.; third, William Winter, Kirkwood, Mo.

Best vase of lilies, Harrisii and longiflorum: First, no award; second, W. L. Rock; third, William Schray & Son, of St. Louis.

Vaughan's Seed Store, certificate of merit for Begonia Gloire de Lorraine.

Bertermann Brothers Company, honorable mention for exhibit of cyclamens.

A. Berdan, St. Louis, honorable mention for cut blooms Paper White narcissus.

A protest was made on section 18 and section 19. Protest was sustained by the judges with the result as follows: Section 18—H. W. Buckbee first; W. J. & M. S. Vesey, second; Nathan Smith & Son, third. Section 19—H. W. Buckbee, first; W. A. Chalfant, second; W. J. & M. S. Vesey, third. Section 58 was rejudged, Gibson Beauty being reinstated. No change in result.

Opinions of the Show.

Robert George, Painesville, O.—Certainly a grand show. It will mark an important epoch in the horticulture of the country.

F. R. Pierson, Tarrytown, N. Y.—A magnificent show and a great credit to the craft. I never saw such an exhibit of fine roses. I came a great distance to see the exhibition and am very glad of it.

S. Morris Jones, West Grove, Pa.—The show pleased me very much. The display of American Beauty roses alone would characterize the show as certainly great.

W. E. Kemble, Oskaloosa, Ia.—The show is great. I am glad of its success. It is a great credit to the projectors.

Alex. Guttman, New York.—Am glad to have had the opportunity to see such a grand show even though coming such

a distance. Am proud of the enterprise of our craft.

John Bertermann, Indianapolis, Ind.—First-class in all respects. It afforded me the greatest pleasure to witness its success.

Eli Cross, Grand Rapids, Mich.—It was a great show. Floriculture should be exploited more frequently in this way.

A. L. Smith, Little Rock, Ark.—The displays were elegant, those of the chrysanthemums particularly so and the arrangement of the exhibits permitted of the most satisfactory examination of them.

T. L. Metcalf, Hopkinsville, Ky.—A fine show; I wish the whole trade could have visited it. It will greatly advance horticulture.

J. D. Carmody, Evansville, Ind.—Considering the short time in which the show was prepared, wonders have been accomplished, and I am proud of the result.

William Reeser, Reeser Floral Company, Urbana, O.—It's all right, is very complete and I am glad that I was able to see it.

Complete List of Visitors.

The following is a list of trade visitors who registered at the World's Fair exhibition, November 7-12:

George Asmus, Chicago.

Aug. Baumer, Louisville, Ky.

A. C. Beal, Urbana, Ill.

E. Benard, San Diego, Cal.

A. C. Benson, Hinsdale, Ill.

J. Bertermann and daughter, Indianapolis, Ind.

Mr. and Mrs. E. R. Bess, Canon City.

Fred Breitmeyer, Detroit, Mich.

Philip Breitmeyer, Detroit, Mich.

S. S. Brenneman, Webb City, Mo.

A. C. Brown, Springfield, Ill.

H. C. Berning and wife, St. Louis.

A. Berdan, St. Louis.

D. I. Bushnell, St. Louis.

Mrs. J. W. Butcher, DeSoto, Mo.

J. D. Carmody, Evansville, Ind.

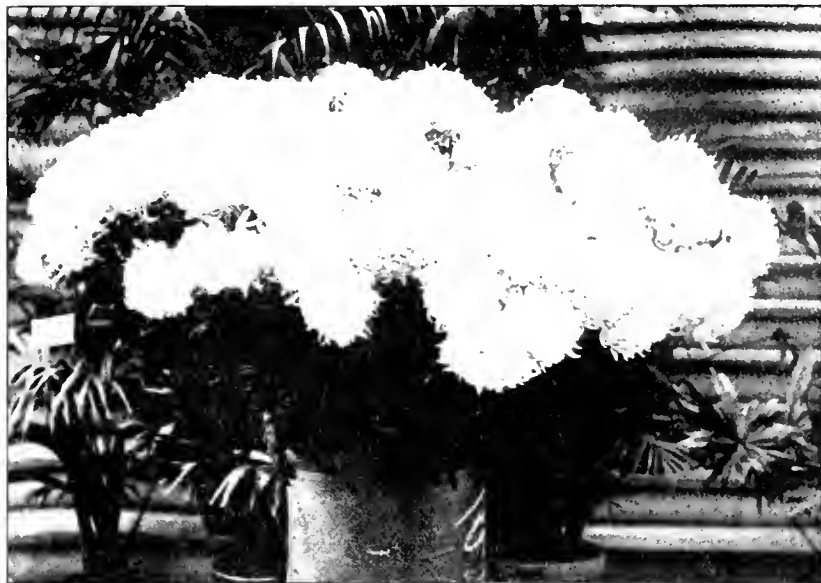
W. A. Chalfant, Springfield, Mo.



PETER WEILAND'S BRIDE ROSES, AT WORLD'S FAIR EXHIBITION.

H. O. Clendenin and wife, Sparta, Ill.
 Eli Cross and wife, Grand Rapids, Mich.
 F. Cure, Paris, France.
 L. Coatsworth, Chicago.
 A. Corneli, St. Louis.
 Chas. Dannacher, Davenport, Ia.
 J. B. Deamud, wife and son, Chicago.
 William B. Dittmann, New Castle, Ind.
 W. E. Dixon, Cherryvale, Kans.

Leonard Kill, Chicago.
 C. A. Kuehn, St. Louis.
 Otto G. Koenig, St. Louis.
 Louis H. Kyrk and wife, Cincinnati, O.
 August Lange and wife, Chicago.
 Fred Lautenschlager, Chicago.
 Fred Lemon, Richmond, Ind.
 Littig Brothers, Davenport, Ia.
 Robt. Livingston, Columbus, O.



CHRYSANTHEMUM MAJESTIC, AT THE WORLD'S FAIR SHOW.
 (Exhibited by J. Breitmeyer's Sons, Detroit, Mich.)

F. E. Dorner and wife, La Fayette, Ind.
 J. W. Dudley, Parkersburg, W. Va.
 Paul Dailedouze, New York.
 Mrs. A. L. Dietsch, Alton, Ill.
 Alfred Dimmock, England.
 William Duckham, Madison, N. J.
 C. De Wever and wife, St. Louis.
 John Degnan, Chicago.
 Mrs. A. E. Easterday, Vandalia, Ill.
 Henry Edmundt, Belleville, Ill.
 B. Eschner, Philadelphia, Pa.
 Frank M. Ellis, Chicago.
 Jno. A. Evans, Richmond, Ind.
 Edward Freyling, Grand Rapids, Mich.
 F. J. Fillmore, St. Louis.
 John A. Gilt, Richmond, Ind.
 Miss Nellie Goodge, Evansville, Ind.
 John Graham, Ottawa, Canada.
 E. T. Grave, Richmond, Ind.
 Alex. J. Guttman, New York.
 W. A. Harkett, Dubuque, Ia.
 John Hartje, Indianapolis, Ind.
 J. Hartshorne and wife, Joliet, Ill.
 W. and O. Heintz, Jacksonville, Ill.
 Albert Hey and wife, Springfield, Ill.
 R. C. Hinz, Leavenworth, Kan.
 Harry Hoffmann, Jacksonville, Ill.
 Simon Humfeld and wife, Muncie, Ind.
 Mrs. Horton & Son, Chicago.
 A. Herrington, Madison, N. J.
 E. G. Hill, Richmond, Ind.
 J. H. Hadkinson, Supt. floriculture.
 P. J. Hauswirth, Chicago.
 Edwin T. Hauswirth and wife, Chicago.
 H. C. Irish, St. Louis.
 G. W. Jack, Springfield, Ill.
 Miss Jegen, Chicago.
 Mrs. J. R. Johnson, Dallas, Texas.
 S. M. Jones, West Grove, Pa.
 J. F. Johnson, Ft. Smith, Ark.
 Chas. W. Johnson, Rockford, Ill.
 Chas. A. Juengel, St. Louis.
 A. Jablonsky, St. Louis.
 Geo. M. Kellogg, Pleasant Hill, Mo.
 Geo. A. Kuhl and wife, Pekin, Ill.
 Chas. Knopf, Richmond, Ind.

J. C. McIntyre, Fulton, Mo.
 James McMillan, Salina, Kan.
 F. L. Metcalf, Hopkinsville, Ky.
 Miss Belle Miller, Springfield, Ill.
 F. H. Meinhardt, St. Louis.
 D. N. Nolan, Springfield, Ill.
 J. B. O'Neil, of Vaughan's Seed Store.
 L. Oesternei, New York.
 C. L. Osborn, Murphysboro, Ill.
 Henry C. Ostertag, St. Louis.
 Chas. A. Pfeiffer and wife, Sedalia.
 F. R. Pierson, Tarrytown, N. Y.

J. A. Peterson and wife, Cincinnati, O.
 Swan Peterson, Gibson City, Ill.
 August Poehlmann and wife, Chicago.
 C. W. Reimers, Louisville, Ky.
 M. Reukaut, Philadelphia, Pa.
 W. L. Rock, Kansas City, Mo.
 J. W. Ross and wife, Centralia, Ill.
 W. N. Rudd and daughter, Chicago.
 F. H. Rowe, Joliet.
 William Reeser, Urbana, O.
 Mrs. Catharine Scharff, Van Wert, O.
 H. G. Scharff, Van Wert, Ohio.
 Henry Schmaus, Paducah, Ky.
 Mrs. J. W. Schrader and son, Mattoon, Ill.

Mrs. Scholler, Keokuk, Ia.
 Miss Katie Scholler, Keokuk, Ia.
 Albin Schreiber, Indianapolis, Ind.
 Jacob Schulz and son, Louisville, Ky.
 Henry Smith, Grand Rapids, Mich.
 Geo. R. Spearman, Mt. Vernon, O.
 S. F. Stephens, Columbus, Ohio.
 O. B. Stevens, Shenandoah, Ia.
 J. F. Sullivan, Detroit, Mich.
 Elmer D. Smith, Adrian, Mich.
 Emil Schray, St. Louis.
 J. D. Thompson, Joliet, Ill.
 Gunnar Teilmann, Marion, Ind.
 Dr. William Trelease, St. Louis.
 Robert F. Tesson, St. Louis.
 L. R. Taft, chief of Hort. jury.
 F. W. Taylor, chief of horticulture.
 A. M. Troxell, Greencastle, Ind.
 Geo. Van Horn, Springfield, Ill.
 J. C. Vaughan, Chicago.
 L. H. Vaughan, Chicago.
 W. J. Vesey and wife, Ft. Wayne, Ind.
 F. Walker, Louisville, Ky.
 John W. Weber, Oakland, Md.
 Peter Weiland, Cincinnati, Ohio.
 J. F. Wilcox, Council Bluffs, Ia.
 Fred Windmiller, Columbus, Ohio.
 David Wirth and wife, Springfield, Ill.
 Jas. S. Wilson, Chicago.
 Fred C. Weber and wife, St. Louis.
 Nick Wietor, Chicago.
 F. A. Weber, St. Louis.
 Young & Sons, St. Louis.

WINONA, MINN.—Mr. and Mrs. Edward Kirchner announce the marriage of their daughter, Thekla Gertrude, to Albert C. Davidson, Thursday evening, November 10, at 802 West King street, Winona, Minn.



CHRYSANTHEMUM PERCY PLUMRIDGE, AT WORLD'S FAIR EXHIBITION.
 (Exhibited by H. W. Buckbee, Rockford, Ill.)

THE EXHIBITIONS.

The Horticultural Society of Chicago. THIRTEENTH FLOWER SHOW.

The florists of Chicago have never been so unified as at the present time. The opportunity to make an exhibition with the full management practically in their own hands was therefore cordially taken hold of by everybody, with the possible exception of one or two who would not help anyone, even themselves, and when George Asmus consented to take the onerous position of manager he found or insisted, for George will not be denied, willing hands everywhere. It was a lucky thirteen; the location proved ideal. There is no building like the Fine Arts for the attendance of the ladies. The Chicago Women's Club, a powerful organization, the Daughters of the Revolution, both had important general meetings this week and fully half their members attended the flower show.

The halls lent themselves beautifully to the needs of the plants and flowers. The splendidly lighted gilt arches of the Auditorium banquet hall, which Milwaukee convention visitors will remember, threw a glow over all which bewitched the visitors. Manager Asmus grouped the stock and changed it every morning with real showman's tact. To the professional the halls were painfully small, but so well were the music, the refreshment grotto and the plant groups, tables and cut blooms distributed that the paving and admiring crowd went away with but one sentiment, that of ample completeness in the show.

The interior of the banquet hall left little for the decorator to do, and was indeed a fitting place for the display of the excellent exhibit placed there. In the Fine Arts hall adjoining wild smilax was employed to great advantage to cover the many broad expanses of walls there, as well as the columns and the passageway leading to the banquet hall below. In the center of the banquet hall near the elevator landing was placed a large group of palms from the George Wittbold Company, a beautiful specimen of Kentia Belmoreana occupying the center, while on either side was a group of palms and tropical plants from the West Side parks. Nearby was the fine exhibit of stovehouse plants, ferns and orchids from E. G. Uihlein's conservatories. Near the north end of the hall was the excellent exhibit of orchids from the same place, embracing many varieties. Here, too, was placed a large collection of palms and tropical plants from Mrs. George M. Pullman's conservatories. Occupying a conspicuous position on this floor was a magnificent specimen of Boston fern, the fronds of which were nearly eight feet long, from Lincoln park conservatories. The plant was four years old.

One of the chief attractions in the Fine Arts hall was a magnificent specimen of *Goniophlebium subauriculatum* suspended from the ceiling, under which was placed an exhibit of *Begonia Gloire de Lorraine* from Vaughan's greenhouses. Grouped on either side of this were the displays of the Scottii and Tarrytown ferns, both varieties being shown in many sizes. At the west end of this hall, arranged in semicircular form, was a collection of plants, including pandanuses, *Dracena terminalis*, *D. fragrans* and *D. Lindenii*, exhibited by John Scott, of Brooklyn, N. Y.

By a wise provision of the manage-

ment, the cut flowers in all classes were first placed together on tables provided for the purpose and occupying the entire southern division of the banquet hall. After the chrysanthemums were staged, which was on the opening day, they were judged and then given new positions through the hall. The roses then followed, which in turn gave way to the carnations on the third day.

An attractive feature in the Fine Arts hall were the six table decorations. On Wednesday these were arranged almost exclusively with chrysanthemums. Thursday morning roses used showed a marked improvement over the heavier decorative effects of the previous day. In Mangel's arrangement Uncle John roses were used, while Sunrise was used by Jos. Curran. W. J. Smyth used American Beauty in tall vase standing in a wreath of highly colored small plants of *Dracena terminalis* with *Piersoni* and *adiantum* fronds. The Chatenay rose in a low and neat effect was used by Chas. Samuelson, while Liberty roses were used by Muir. These table decorations were not for competition but for display only. They were well executed and received many favorable comments from the public.

It is worthy of note that the cut chrysanthemums which were prize winners here were chiefly the varieties which have many times in previous years appeared in the lists of winning sorts. This was particularly true of the classes calling for the greater number of blooms, yellow and white Eaton were conspicuous examples.

It was gratifying to note the interest shown by both the trade and general public in the novelties in roses which were shown. Those attracting particular attention were Richmond, Rosalind Orr English, Perle des Goddesberg, Joseph Hill, La Detroit, Gen. MacArthur and an unnamed variety of La France type from John Monson, Minneapolis.

The carnation display was magnificent for the early date and augured well for the national carnation meeting to be held in this city next January. Fiancee and Robt. Craig, of course, were the chief centers of attraction, but many of the older varieties were remarkable for excel-

lence of quality, particularly Enchantress and Lawson.

TUESDAY'S AWARDS.

The following awards for chrysanthemums were made Tuesday:

Best twenty-five blooms, one variety, white—first, Nathan Smith & Son, Adrian, Mich., with Chadwick; second, Wieland & Risch, Chicago, Timothy Eaton.

Best twenty-five blooms, yellow—first, Bassett & Washburn, Chicago, with Golden Wedding; second, Poehlmann Brothers Company, Chicago, with Golden Wedding.

Best twenty-five blooms, pink—first, Nathan Smith & Son, with Doctor Enguehard; second, Gunnar Teilmann, Marion, Ind., with Doctor Enguehard.

Best twenty-five blooms, red—first, Poehlmann Brothers Company with Intensity.

Best twenty-five blooms, any other color—first, no award; second, H. W. Buckbee, Rockford, Ind., with W. R. Church.

Best twenty-five blooms, limited to winners in above classes—first, Bassett & Washburn, with Golden Wedding; second, Poehlmann Brothers with Golden Wedding.

Best six blooms, white—first, B. K. & B. Floral Company, Richmond, Ind., with Chadwick; second, Wieland & Risch with Timothy Eaton.

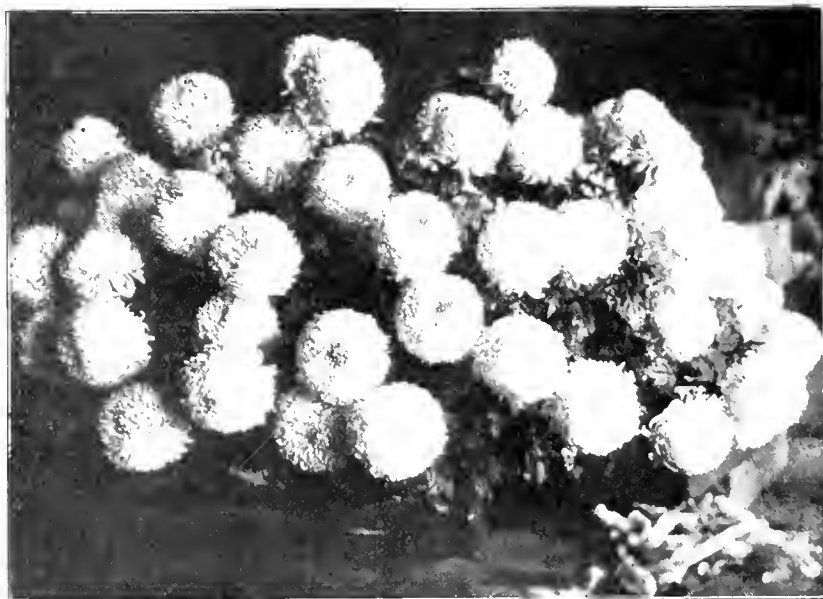
Best six blooms, yellow, not darker than Major Bonaffon—first, Nathan Smith & Son, with Yellow Eaton; second, W. J. & M. S. Vesey, Fort Wayne, Ind., with Yellow Eaton.

Best six blooms, yellow, darker than Major Bonaffon—first, Arthur Orr, Sandwich, Ill., with Col. Appleton; second, W. J. & M. S. Vesey.

Best six blooms, pink, lighter in color than Vivian-Morel—first, Poehlmann Brothers Company with Doctor Enguehard; second, H. W. Buckbee.

Best six blooms, pink, not lighter than Vivian-Morel—first, H. W. Buckbee with Mrs. Barclay; second, Poehlmann Brothers.

Best six blooms, red—first, Poehlmann Brothers with Intensity; second, Nathan Smith & Son.



PRIZE VASE OF TIMOTHY EATON CHRYSANTHEMUMS AT THE CHICAGO SHOW.



H. G. Selfridge.



George Asmus.



E. G. Uihlein.



Elmer D. Smith.



E. A. Kanst.



E. G. Hill.



W. A. Kennedy.



Paul Dalledouze.



Philip Breitmeyer.

Best six blooms, bronze—first, Mrs. P. A. Valentine, with Edgar Sanders; second, Arthur Orr with Edgar Sanders.

Best six blooms, any other color—first, H. W. Buckbee with W. R. Church; second, Mrs. P. A. Valentine with C. T. Carrington.

Best six blooms, limited to prize winners in the above seven classes—first, Poehlmann Brothers with Golden Wedding; second, H. W. Buckbee.

Best twelve blooms, twelve varieties—first, H. W. Buckbee; second, Nathan Smith & Son.

Best five specimen plants, single varieties—first, Vaughan's Seed Store.

Best 25 plants, single stem, not over 30 inches—first, H. W. Buckbee; second, Martin A. Ryerson.

Best group of plants arranged for effect—first, Vaughan's Seed Store; second, Martin A. Ryerson.

Best collection cut orchid blooms—first, E. G. Uihlein.

Most interesting grafted specimen plant, any kind—first, Vaughan's Seed Store, with chrysanthemum plant.

Best 15 geraniums, one variety—first,

Best six araucarias—first, Vaughan's Seed Store; second, George Wittbold Company.

Best 5 Gloire de Lorraine begonias—first, Vaughan's Seed Store; second, George Wittbold Company.

WEDNESDAY'S AWARDS.

Best 25 American Beauty—first, Poehlmann Brothers Company; second, Peter Reinberg.

Best 40 Liberty—first, Peter Reinberg; second, Wietor Brothers, Chicago.

Best 40 Golden Gate—first, Poehlmann Brothers Company.

Best 40 Kaiserin—first, Peter Reinberg; second, John Breitmeyer's Sons.

Best 40 Bride—first, Poehlmann Brothers Company; second, Chicago Carnation Company.

Best 40 Bridesmaid—first, Poehlmann Brothers Company; second, Bassett & Washburn.

Best 40 Meteor—first, John Cook, Baltimore, Md.; second, Wietor Brothers.

Best 40 Perle—first, Poehlmann Brothers Company; second, Peter Reinberg.

Best 25 of any other variety—first, Poehlmann Brothers Company; second, Peter Reinberg.

Best 50 American Beauty—first, Poehlmann Brothers Company; second, Bassett & Washburn; third, Peter Reinberg.

Best 75 Liberty—first, Peter Reinberg; second, Bentley-Coatsworth Company, Chicago.

Best 100 Golden Gate—first, Poehlmann Brothers Company; second, Peter Reinberg.

Best 100 Bride—first, Poehlmann Brothers Company; second, Wietor Brothers.

Best 100 Bridesmaid—first, Poehlmann Brothers Company; second, Bentley-Coatsworth Company.

Best 100 any other variety—first, Poehlmann Brothers Company; second, Peter Reinberg.

Best 12 blooms of any rose never before exhibited in this country—first, Peter Reinberg, with unnamed seedling.

THURSDAY'S AWARDS.

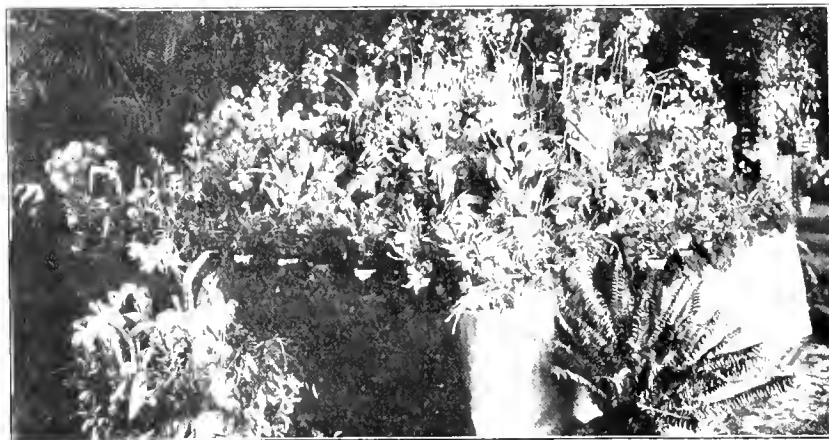
Best fifty White Cloud carnations—first, Emil Buettner, Park Ridge, Ill.; second, Poehlmann Brothers Company.

Best fifty blooms Lorna—first, no award; second, Poehlmann Brothers Company.

Best fifty blooms Norway—first, Bassett & Washburn.

Best fifty blooms Governor Wolcott—first, Emil Buettner; second, J. D. Thompson Carnation Company.

Best fifty blooms any other white—



PRIZE ORCHID GROUP AT THE CHICAGO SHOW.

Best collection, forty named varieties—first, Nathan Smith & Son; second, H. W. Buckbee.

Best vase of 100 blooms, artistic arrangement—first, H. W. Buckbee; second, Weiland & Risch.

Best 100 blooms, no bloom to exceed four inches in diameter—first, John Breitmeyer's Sons, Detroit, Mich.; second, W. J. & M. S. Vesey.

Best twenty-five sprays, pompon varieties—first, John Breitmeyer's Sons, showing six varieties; second, Nathan Smith & Son.

Best vase, twenty-five sprays, anemone pompon varieties—first, John Breitmeyer's Sons.

Best twenty-five sprays, anemone varieties—first, John Breitmeyer's Sons.

Best specimen plant chrysanthemum, white—Vaughan's Seed Store, Chicago, with Mutual Friend; second, H. W. Buckbee.

Best specimen plant, yellow—Vaughan's Seed Store, with W. H. Lincoln; second, H. W. Buckbee with C. J. Salter.

Best specimen plant, pink—first, H. W. Buckbee, with Wm. Duckham; second, Vaughan's Seed Store.

Best specimen plant, any other color—first, Vaughan's Seed Store, with The Baird; second, Martin A. Ryerson, Chicago.

Best specimen plant, single—first, Vaughan's Seed Store, with Golden Chain.

Best specimen plant, anemone—first, Vaughan's Seed Store, with Garza.

Best specimen plant entered in above five classes—first, Vaughan's Seed Store, with Mutual Friend; second, H. W. Buckbee.

Best three standards, not less than 30 inches—first, Vaughan's Seed Store; second, H. W. Buckbee.

Best five standards, not less than 12 inches—first, Vaughan's Seed Store; second, H. W. Buckbee.

Martin A. Ryerson; second, Anton Then.

Best collection of orchids—first, H. G. Selfridge.

Best collection of ferns—first, George Wittbold Company, Chicago; second, J. F. Kidwell & Brother, Chicago.

Best 10 palms—first, George Wittbold Company; second, E. G. Uihlein.

Best 5 foliage plants—first, E. G. Uihlein; second, H. G. Selfridge.

Best palm—first, George Wittbold Company; second, Albert Fuchs, Chicago.

Best araucaria—first, A. McAdams, Chicago; second, Vaughan's Seed Store.

Best croton—first, John J. Mitchell, Lake Geneva, Wis.

Best Dracena—first, no award; second, E. G. Uihlein.

Best decorative plant, other than above—first, J. J. Mitchell.

Best Boston fern—first, Anton Then.

Best Farleyense fern—first, E. G. Uihlein; second, J. J. Mitchell.



FIRST PRIZE GROUP OF CHRYSANTHEMUMS AT THE CHICAGO SHOW.

first, F. Dorner & Sons Company; second, J. D. Thompson Carnation Company.

Best fifty blooms Adonis—first, Wietor Brothers; second, J. D. Thompson Carnation Company.

Best fifty blooms Estelle—first, Wietor Brothers; second, J. D. Thompson Carnation Company.

Best fifty blooms any other red—first, Chicago Carnation Company, with Cardinal; second, J. D. Thompson Carnation Company.

of 1904—first, J. D. Thompson Carnation Company, with The Belle; second Emil Buettner.

Best twenty-five pink, Daybreak class—first, J. D. Thompson Carnation Company, with Enchantress.

Best twenty-five pink, Scott class—first, Emil Puettner, with Indianapolis.

Best twenty-five blooms Lawson class—first, J. D. Thompson Carnation Company, with Nelson Fisher; second, W. J. & M. S. Vesey.

Best 25 blooms, red, 1904—first, Anton

first, Poehlmann Brothers Company; second, Chicago Carnation Company.

Best 100 blooms, crimson—first, Chicago Carnation Company, with Harlowarden; second, J. D. Thompson Carnation Company, with The President.

Best 100 blooms, red—first, J. D. Thompson Carnation Company, with Robert Craig; second, E. G. Hill Company, with Cardinal.

Best 100 blooms, striped or stained—first, W. J. & M. S. Vesey, with Glendale; second, J. D. Thompson Carnation Company.

Sweepstakes—first, Chicago Carnation Company, with Fiancee; second, Poehlmann Brothers Company, with Lawson.

FRIDAY'S AWARDS.

For best twenty blooms, white—first, H. Weber & Son, with My Maryland.

Best twenty blooms, red—first, J. D. Thompson Carnation Company, with Robert Craig.

Best twenty blooms pink; Scott class—first, Mount Greenwood Cemetery Association, with seedling No. 93.

Best twenty blooms any other color—first, W. J. & M. S. Vesey, with Glendale.

Sweepstakes, special—first, Mount Greenwood Cemetery Association, with seedling No. 93.

Best six blooms, seedling chrysanthemums—first, E. G. Hill Company, with Mlle. Jennie Nonin.

Sweepstakes, seedling chrysanthemums—first, E. G. Hill Company, with same.

Best six blooms, yellow—first, H. W. Buckbee, with seedling No. 5.

Best display of violets—first, Eli Cross, Grand Rapids, Mich.

SPECIAL AWARDS.

The judges recommended a silver cup to the E. G. Hill Company, Richmond, Ind., for that firm's new rose, Richmond; also a certificate of merit for the rose, Rosalind Orr English, by the same exhibitor. As this rose had been exhibited before, it was disqualified for competition in class 73.

Guttmann & Weber, New York, Carnation Victory; certificate of merit.

F. Dorner & Sons Company, vase seedling carnations; honorable mention.

Palmer & Son, Buffalo, N. Y., Red Lawson; honorable mention.

Bassett & Washburn, dark seedling carnation. Decision not made at press time.

Bassett & Washburn, dark pink seed



GROUP OF PANDANUSES AND DRACENAS AT THE CHICAGO SHOW.

(Exhibited by John Scott, of Brooklyn, N. Y.)

Best fifty blooms Harlowarden—first, Chicago Carnation Company; second, Poehlmann Brothers Company.

Best fifty blooms Harry Fenn—first, E. T. Grave, Richmond, Ind.; second, J. D. Thompson Carnation Company.

Best fifty blooms Enchantress—first, E. T. Grave; second, Chicago Carnation Company.

Best fifty blooms Lawson—first, Chicago Carnation Company; second, Poehlmann Brothers Company.

Best fifty blooms Fair Maid—first, Chicago Carnation Company.

Best fifty blooms Mrs. Nelson—first, J. D. Thompson Carnation Company; second, W. J. & M. S. Vesey.

Best fifty blooms Morning Glory—first, Emil Buettner; second, Bassett & Washburn.

Best fifty blooms any other pink, Daybreak class—first, Michael Winandy, Chicago.

Best fifty blooms pink, Scott class—first, Chicago Carnation Company, with Fiancee; second, E. T. Grave.

Best fifty pink, Lawson class—first, J. D. Thompson Carnation Company, with Nelson Fisher; second, W. J. & M. S. Vesey.

Best fifty blooms Bradt—first, Poehlmann Brothers Company.

Best fifty blooms Prosperity—first, Poehlmann Brothers Company; second, W. J. & M. S. Vesey.

Best fifty blooms any other striped—first, J. D. Thompson Carnation Company, with Mrs. Patten; second, W. J. & M. S. Vesey.

Best fifty blooms Dorothy Whitney—first, Chicago Carnation Company.

Best fifty blooms any other yellow—first, Chicago Carnation Company, with seedling number 5.

Best twenty-five blooms, introduction

Then, with Crusader; second, H. Wehrman, Maywood, Ill.

Best 25 blooms, any other color, 1904—first, J. D. Thomson Carnation Company, with Mrs. M. A. Patten.

Best 100 blooms, white—first, Chicago Carnation Company, with Lady Bountiful; second, John Breitmeyer's Sons.

Best 100 blooms, pink, Daybreak class—first, J. D. Thompson Carnation Company, with Enchantress; second, Poehlmann Brothers Company.

Best 100 blooms, pink, Scott class—first, Chicago Carnation Company, with Fiancee; second, Michael Winandy, with Guardian Angel.

Best 100 blooms, pink, Lawson class—



THE SCOTT FERN AT THE CHICAGO SHOW

ling carnation. Decision not made at press time.

A. C. Canfield, Springfield, Ill., vase of Gen. MacArthur rose not for competition.

Bassett & Washburn, red seedling carnation not for competition.

VISITORS REGISTERED.

C. G. Anderson, Kenosha, Wis.
G. F. Baermann, Milwaukee, Wis.
Mrs. O. L. Baird, Dixon, Ill.
H. Bates (of Bates Brothers), Cleveland, O.
A. C. Beal (of the University of Illinois), Urbana, Ill.

J. W. Lyon, Belvidere, Ill.
Jos. McNeill, Highland Park, Ill.
Carl Maier, Green Bay, Wis.
Frank Monahan, Beloit, Wis.
Wm. C. Manke, Milwaukee.
H. Martens, Lake Geneva, Wis.
Mrs. and Louis Merkel, West Mentor, O.
B. S. Meyer, Lancaster, N. Y.
John F. Miller, McHenry, Ill.
W. L. Morris, Des Moines, Ia.
John Munson, Minneapolis, Minn.
B. O'Neil and wife, Elgin, Ill.
H. L. Patthey, Minneapolis, Minn.
A. Peterson, Hoopeston, Ill.

John Tiplady, Lake Geneva, Wis.
Frank A. Triedley, Joliet, Ill.
S. Troup.
L. Two, Milwaukee.
L. Wasserman, Muskegon, Mich.
John Weber, Oakland, Md.
Henry Wehrman, Maywood, Ill.
Miss Westerveld, La Porte, Ind.
J. H. Uilcott, Kenosha, Wis.
C. O. Williams, Batavia, Ill.

NOTES OF THE SHOW.

The table decorations on Friday were largely orchids. Joseph Curran used cyripediums; W. J. Smith cattleyas and gardenias; Charles Samuelson Begonia Gloire de Lorraine and lily of the valley; Muir, cyripediums, dendrobiums and Farleyense; and Mangel, American Beauty roses.

The apprehension felt by some that the St. Louis exhibition would attract the best blooms to that show to the loss of this one was soon found to be groundless as the former place got some blooms which matured too soon for the Chicago event and their absence was not materially felt.

Rudd's pink carnation seedling No. 93 won first in twenty pink, Scott class, and sweepstakes for all seedlings never before exhibited. It is a beautiful high built flower with good stem and of good size. It attracted a good deal of expert attention.

Much credit is due to the private gardeners for their exhibits, which rounded out to completeness the whole display and whose visits helped much to interest the best element of the public.

Absentees from the banquet were several and leaders in the trade were missed, E. G. Hill, Elmer D. Smith and many of the prominent local growers not being able to attend.

Etna, the E. G. Hill Company's new rose, which has been renamed Richmond, shows a new and very beautiful shade of red. It is a very striking variety.

An elevator with a half a dozen of the show visitors took a drop in the Fine Arts building, but fortunately stopped without damage to anyone.

The treasurer's sheets are sure to show a balance on the right side, holding good the unbroken record for financial solvency in the society's exhibitions.

Manager Asmus attended to the details of ventilation, seating and directing the great throng of visitors through the halls with much care.

Edgar Sanders, the beloved veteran of the Chicago trade, visited the show Friday morning and was given an enthusiastic reception.

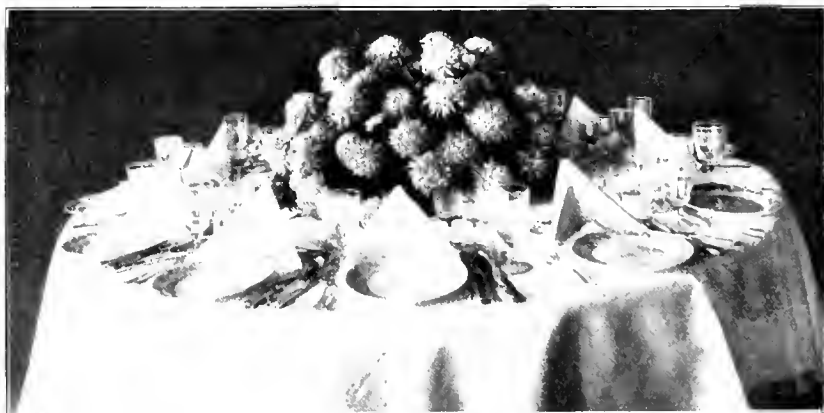
Mme. Abel Chatenay was prominent and as exhibited at this show was con-



THE TARRYTOWN FERN AT THE CHICAGO SHOW.

John Bertermann, Indianapolis, Ind.
Christ Brantigan.
A. C. Brown, Springfield, Ill.
H. W. Buckbee, Rockford, Ill.
Chas. Burmeister, Milwaukee.
John Burmeister, Milwaukee.
A. C. Crooks, Benton Harbor, Mich.
Eli Cross, Grand Rapids, Mich.
Paul Dailledouze, Brooklyn, N. Y.
A. Dimmock, England.
L. S. Donaldson, Minneapolis, Minn.
Marie S. Orf, Columbus, O.
F. E. Dorner, Lafayette, Ind.
Theo. A. Dorner, Lafayette, Ind.
H. P. Erdman, Highland Park, Ill.
B. Eschner, Philadelphia, Pa.
E. Everett, Madison, Wis.
John Faber, Kankakee, Ill.
Charles Paulstick, Kankakee, Ill.
J. R. Fotheringham, Tarrytown, N. Y.
J. M. Gasser, Cleveland, O.
C. Geppert, Lake Forest, Ill.
Irving Gingrich, South Bend, Ind.
John Gipner, Niles, Mich.
Mrs. A. L. Glaser, Dubuque, Iowa.
E. T. Grave, Richmond, Ind.
Rudolph Greuser, Milwaukee.
Mr. and Mrs. A. Guillaume, La Crosse, Wis.
A. J. Guttman, New York City.
James Hartshorne, Joliet, Ill.
Louis Hartung, Two Rivers, Wis.
Barbara R. and Mary M. Hillenthall, Columbus, O.
F. C. Holton, Milwaukee.
John C. Howard, Milwaukee.
Herman V. Hunkel, Milwaukee.
A. Johnson, Lake Geneva, Wis.
C. W. Johnson, Rockford, Ill.
Ella Kaber, La Porte, Ind.
W. A. Kennedy, Milwaukee.
A. Klokner, Milwaukee.
J. A. Kramcr, Cedar Rapids, Ia.
Frank Kuehne, Lake Geneva, Wis.
George A. Kuhl, Pekin, Ill.
Wm. Langland, Lake Geneva, Wis.
R. A. Latham, Minneapolis, Minn.
W. H. Lehman, Naperville, Ill.

H. E. Philpott, Winnipeg, Manitoba.
Fred Plagge, Elgin, Ill.
C. C. Pollworth, Milwaukee.
A. T. Pyle, Joliet, Ill.
Joseph Rader, Milwaukee.
Martin Reukauf, Philadelphia.
Mrs. A. J. Riell, Irving Park, Chicago.
Chas. F. Rohr, Naperville, Ill.
J. J. Rohr, Naperville, Ill.
Edgar Sanders, Chicago.
George Sawyer and wife, Dundee, Ill.
John Scott, Brooklyn, N. Y.
Ben Short, Lake Geneva, Wis.
Z. G. Simmons, Kenosha, Wis.
S. S. Skidelsky, Philadelphia.
Jos. M. Smely, Aurora, Ill.
E. D. Smith, Winona, Ont., Can.
Elmer Smith, Adrian, Mich.
F. C. Smith, Ashland, Wis.
James Souden, Minneapolis, Minn.
Geo. Souster and wife, Elgin, Ill.
O. Speidel, Oconomowoc, Wis.
J. F. Sullivan, Detroit, Mich.
August Swanson, St. Paul, Minn.
John Thorpe.



CHRYSANTHEMUM TABLE DECORATION AT THE CHICAGO SHOW.

sidered by experts the finest ever shown anywhere.

The refreshment booth, although given no room at all, was well patronized and evidently has a place in future shows here.

Albert A. Sawyer, Oak Park, Ill., made a unique display of pansies, which were not for competition.

C. W. Johnson's Views of the Show.

As was expected, owing to the late date of this exhibition, many varieties of chrysanthemums which have not been quite so prominent in the winning list during the past few years were again able to step to the front and wrest the honors from later introductions. Among those worthy of special mention are the vases of twenty-five Golden Wedding, exhibited by Bassett & Washburn and Poehlmann Brothers, also the vase of twenty-five W. H. Chadwick exhibited by Nathan Smith & Son, winning first over several vases of fine Timothy Eaton, also the vase of 100 Mrs. Jerome Jones put up by H. W. Buckbee also winning over Timothy Eaton.

Among the more recent introductions Dr. Enguehard was ahead in the pink classes, and in the light yellow classes Yellow Eaton carried off the honors. Some extra fine blooms of Yellow Chadwick were staged by Vaughan's Seed Store, and in the classes calling for pompons and pompon anemone Breitmeyer's Sons staged some very pretty vases showing off Fred Breitmeyer's artistic ability to great advantage.

In the collection classes the most conspicuous varieties were Gen. Hutton, Goldmine, W. R. Church, Yellow Eaton, Col. Baden-Powell, Mrs. Barclay, Mrs. Thirkell, Dr. Enguehard and J. H. Doyle. Nathan Smith & Son had several seedlings in their collection, under number, which will be heard from in the future.

Carnation day brought out the finest display of carnations ever seen here at this or any other time of the year, a galaxy of extra fine blooms that could not be beaten anywhere and, as is to be expected, of leading interest to all florists, present or not, are new varieties not yet disseminated. Fiancee, from the Chicago Carnation Company, won all the prizes for which it was entered, as is its usual custom. This variety must certainly be given the crown, and it is rightly classed when called the finest carnation in the world.

The vases of Mrs. Lawson were also exceptionally fine in every instance and came out second for the sweepstake prize.

Robt. Craig was shown in fine style by the J. D. Thompson Company in the 100 scarlet class. This is a magnificent flower and in all points is considered way ahead of any other scarlet carnation.

M. J. & M. S. Vesey exhibited a fine vase of 100 variegated called Glendale, on the order of Mrs. Geo. M. Bradt, a large flower with good stem.

The leading whites staged were Lady Bountiful and White Lawson in the 100 class and some extra fine Gov. Wolcott from Emil Buettner in the classes calling for fifty blooms.

Fred Dorner & Sons Company staged some seedlings in small numbers showing in a quiet way what they are going to do to other seedling raisers in the not very far distant future, a white and scarlet in particular being extra fine.

A vase of 100 crimson of the variety The President, staged by the J. D. Thompson Company were very good for this color. Harlowarden, in this class, from the Chicago Carnation Company, was as good as they ever had it.



NEW ROSE WELLESLEY.

(Exhibited by the Waban Rose Conservatories at the Boston Chrysanthemum Show.)

A pretty pink seedling from Mr. Graves, of Richmond, Ind., labeled No. 9, attracted considerable attention, as also did a vase of Victory, the fine scarlet from Guttman & Weber, New York, and Red Lawson from Palmer & Son, Buffalo, N. Y. This is a little dull in color, otherwise a fine thing.

The Cardinal, from the E. G. Hill Company, looks promising and will cut quite a figure next January, and Flamingo, from several growers, looks better to us right along.

The Florists' Club Banquet.

John P. Degan, of the banquet committee, certainly did credit to the hospitality of the club in all the details of the spread which he arranged for in the ladies' dining-room of the Union hotel Thursday night. About eighty-five members and visiting guests sat down at 8:30.

President Rudd acted as toastmaster and made a very happy and cordial welcoming address. He took occasion to add a few strong words on the uplifting influence of flower shows, which was most favorably received by the listeners, and, although the gathering was so large as to be somewhat ponderous to

handle, concluded the sociabilities with "Auld Lang Syne" at 1 a. m.

William Duckham, president-elect of the Chrysanthemum Society of America and the World's Fair and Chicago juror, was the first speaker, and in a few well-chosen words expressed his sincere appreciation of his pleasurable experiences on his visit to the west, which he said would be long remembered by him.

Paul Dailledouze said that this was not the first time he had experienced the hospitality of Chicago, and that eastern visitors well knew what they could expect on their western trips when visiting this city.

W. A. Kennedy explained how it was possible that the judges at this show might well honestly differ from those in other large cities in their awards because of the difficulties of staging shipments of fresh flowers from long distances in condition to compete with near-by grown stock.

William Evans rendered three or four beautiful songs, and the Florists' Club quartette was well applauded for a couple of old songs.

Mayor Crolius, of Joliet, made a delightful talk on the need of flower shows, and concluded with an apostrophe to the ladies.

George Asmus, the Hamlet of the Chicago show, made a very telling speech, thanking the local trade for the efficient manner in which they had held up his hands to carry forward the work of the show.

Phil Hauswirth, manager of the World's Fair show, in his modest way, was not inclined to accept as much of the credit for that exhibition as others were disposed to concede to him, and said that he had never known a project carried through with such unity of purpose and action.

J. C. Vaughan made a few remarks on the evident disposition of the public, particularly the public press, to give horticultural and floricultural affairs the fullest publicity. He urged continued unity of action, and stated that such efforts promised a greater future for our work than any of us could realize.

Exhibition at New York.

The exhibition of the American Institute, held in the Herald Square exhibition hall, November 10-17, was the biggest event that the organization has yet carried through. The entire floor space was practically filled, and a high standard of merit characterized all the exhibits. The most noteworthy feature of the whole display was in the specimen bush and standard plants. These were not only of fine quality, but shown in such numbers as to make a remarkable feature of themselves. Practically one-half of the space devoted to chrysanthemums was taken up by these plants. Naturally it was private growers that contributed most to this division. Most largely as regard to numbers, E. D. Schaeffer, gardener to Richard Mortimer, Tuxedo, N. Y., who exhibited one-half of the plants shown, and he figured very well in the prize list. He had some very fine standards, seven feet high. Others in the division were Wm. Anderson, gardener to Herbert Dumaresq, Chestnut Hill, Mass.; David F. Roy, Malden, Mass.; John G. McNicoll, gardener to G. C. Rand, Lawrence, L. I., N. Y.; Peter Duff, gardener to J. C. Brown, Orange, N. J.; Robt. Marshall, gardener to E. W. Converse, Newton, Mass.; Wm. Kleinheinz, gardener to P. A. B. Widener, Ogontz, Pa.; T. W. Head, gardener to Miss M. F. Plant, Groton, Conn.

The growers from New England and from Orange, N. J., seem to have the best of it in quality, but they do not show in anything like such numbers as did Mr. Mortimer, who, by his enterprise in sending two railroad cars full has set a precedent that will not easily be surpassed.

In the cut flower divisions, A. Herrington, Madison, N. J., was a large and successful exhibitor winning first in all the classes of fifty's and twenty-five's; his quality was remarkably fine. Wm. Duckham, Madison, N. J., was not one whit behind in quality, and was a most successful exhibitor in a number of classes calling for smaller numbers. W. Turner, superintendent to M. C. D. Borden, Oceanic, N. J., returned to the exhibition boards and demonstrated that his hand had not lost its cunning the while that he was organizing the gigantic establishment at Oceanic, where he is now installed. Other exhibitors were Samuel Riddell, gardener to F. A. Constable, Mamaroneck, N. Y.; W. Hastings, gardener to C. B. Alexander, Tuxedo, N. Y.; H. H. Hale, gardener to E. D. Adams, Seabright, N. J.; John G. McNicoll, Wm. Kleinheinz, Robt. Allen, gardener to E. C. Benedict, Greenwich, Conn.; John

Featherstone, gardener to Samuel Untermyer, Yonkers, N. Y.; Wm. Nye, gardener to Miss B. Potter, Ossining, N. Y.; W. Smith, gardener to Robt. Mallory, Portchester, N. Y.; J. Heeremans, gardener to A. R. Whitney, Morristown, N. J.; W. C. Roberts, gardener to Frederick Potter, Ossining, N. Y.; James Fraser, superintendent to O. A. Kahn, Morristown, N. J.

The competition ranged very close and the newer varieties held up well. Pompon chrysanthemums were exhibited in very large quantity, filling one-quarter of the side bench space. Trade collections were put up by Richard Vincent, Jr. & Sons, White Marsh, Md.; Thos. B. Meehan & Sons, Germantown, Pa., and John N. May, Summit, N. J., Frank H. Presby, Summit, N. J., being the only amateur exhibitor of these.

Beside the chrysanthemums there was a very rich collection of palms and stove and greenhouse plants. Equal first prizes were awarded to Siebrecht & Son and John Lewis Childs for group of ornamental foliage plants covering 250 square feet. Julius Roehrs, Rutherford, N. J., staged a magnificently arranged group of flowering and foliage plants at the far end of the hall which added materially to the pictorial effect. Siebrecht & Son made a close second. This last named exhibitor was also awarded first for a collection of conifers against the Wm. H. Moon Company, of Morrisville, Pa.

The miscellaneous exhibits were very numerous and embraced a rich variety of material. Noticeable were the orchids of which there were three exhibitors, each staging very large collections. Lager & Hurrell were awarded the first honors, and included in their lot a rich assortment of rare kinds set up in a loose, airy manner without any back-ground effect, which was the most effective method of display. Siebrecht & Son and Julius Roehrs were awarded equal seconds, the former having a group rich in variety *Cattleya labiata*, while Roehrs was strong in vandas, phalaenopses, etc. The three groups were entirely distinct in material and formed a very important feature. Crotons were well staged by John Lewis Childs and Julius Roehrs, who were awarded equal prizes, the first

place going, however, to John Featherstone, gardener to Samuel Untermyer. Siebrecht & Son had the honor in dracaenas with Childs and Featherstone following, and Lorraine begonia was best exhibited by Julius Roehrs, who also made a very pretty display of a made-up basket on a pedestal. Childs and Siebrecht took the first prize for flowering begonias other than Lorraine, and Siebrecht & Son for Rex begonias. The last named firm also took the prize for a collection of ferns showing a large number of species in commercial sizes.

Numerous awards for specimen plants in this division were also awarded to Siebrecht & Son. The rose classes were well filled, but competition was easy. The first prize for American Beauty went to L. A. Noe, Wm. Kleinheinz second. Noe also led for Bride and Bridesmaid, with Chas. H. Totty, Madison, N. J., and Samuel Riddell equal seconds. The last named exhibitor was successful in the class for yellows. There were small displays of carnations, the most meritorious collection coming from Wm. Nye, three varieties, twenty-five blooms each; Chas. Weber, of Lynbrook, L. I., and Robt. Allen, gardener to E. C. Benedict, were equal seconds.

Thos. DeVoy & Son, Poughkeepsie, and G. T. Schuneman, Baldwin, N. Y., G. Von Qualen and Wm. Slack were awarded prizes for double violets. Wm. Slack, gardener to Mrs. Oliver White, Stamford, Conn., and Miss M. M. Bourne, also showing shingles.

The Hinode Florist Company made an extensive display of Japanese plants, as did Frank Weinberg, who also showed cacti. John Scott, of Brooklyn, N. Y., had a group of foliage plants showing remarkably clean culture. Bobbink & Atkins staged a large collection of evergreens, including conifers, hox, bay trees, etc., and another display of bay trees came from Roehrs.

In the cut flower classes two exhibits outside the schedule which attracted attention were made by Wm. Turner and G. H. Hale, each showing twenty-five varieties. J. L. Childs staged a group of *Phoenix Robelini* and other dracaenas, ornamental foliage plants, cycads, etc. F. R. Pierson Company



GENERAL VIEW OF PHILADELPHIA EXHIBITION, NOVEMBER 8-12, 1904.

showed the Tarrytown fern and John Scott had a big group of his specialty, *Nephrolepis Scottii*. Robt. Craig & Son had a new dwarf pompon chrysanthemum, Baby, a perfect modeling of its flower and brilliant yellow colors showing against the deep green foliage made

The collection of single and semi-double seedling chrysanthemums from J. M. Hunter, of Edgewater, N. J. (forty varieties) was a most attractive feature. These were in all colors and were the seedlings of one single white variety. As decorative flowers they were excellent.



ONE VIEW OF LENOX HORTICULTURAL SOCIETY'S EXHIBITION, OCTOBER 26, 1904.
(Showing First prize group of foliage and flowering plants.)

it very attractive, and the Baby Crimson Rambler (Mme. Levassieur) came from Vaughan's Seed Store, which also contributed a grafted plant, twenty-four varieties, and a specimen of the small single-flower Golden Chain, and DeVoy & Sons' Geranium Telegraph showed up brilliantly in striking color and in size of petal. J. H. Troy, New Rochelle, N. Y., had bamboos and sundry foliage plants which added materially to the decoration of the hall. Thos. Weathered Sons showed a material of other greenhouse structures and a good portable greenhouse was erected by the Springfield Moulding Works, Springfield, Mass.

As to varieties in the show, Dr. Enguehard and Wm. Duckham of the newer kinds showed up best. Appleton and Golden Wedding were standards in the yellows, and of the other colors the newer favorites were seen. In the plants Garza was seen several times. Also Mrs. Coombes, Edith Dashwood, A. J. Balfour, Gertrude Sanders, Brutus, Chestnut Hill, R. H. Pearson and Black Hawk.

The leading varieties in the cut flowers were Yellow Carnot, Gen. Hutton, Maynell, Merza, T. Carrington, S. T. Wright, T. Eaton, Lord Salisbury and others.

The Weathered Company had an exhibit of the new iron eave plate and condensation gutter.

On Tuesday additions were made to the exhibits, and among others The Cottage Gardens staged a fine collection of carnations, receiving diplomas for two varieties. Several of the exhibitors in the cut flower classes reviewed their displays and kept the show fresh, notably A. Herrington, who made an excellent second display. The F. R. Pierson Company also sent in a lot of fifty blooms.

Cut chrysanthemums number about 2,000. The leading exhibitors now in are Arthur Herrington, William Duckham, Mrs. M. F. Plant, Groton, Conn., A. R. Whitney, Moorestown, N. J., F. A. Constable, Mamaroneck, N. Y., O. K. Kahn, Morristown, N. J., M. C. D. Borden, Oceanic, N. J., and P. A. B. Widener, Ogontz, Pa.

Exhibition at Indianapolis.

The exhibition which was held in connection with the November 15 meeting of S. F. A. I. was a great success in every way. There were more exhibits and of better quality than ever before on a similar occasion. The returns of the auction cut quite a figure in the financial success. Most admired among roses was the E. G. Hill Company's new rose, Etna. The color of this new rose is fine, and shows up especially well under artificial light. Mr. Hill has already booked several large orders. It is said that last week he got a \$1,000 order from one of the leading Indiana rose growers. H. W. Riemann's table of blooming plants

attracted a great deal of attention. His table had some very fine Begonia Gloire de Lorraine, lilies, cypripediums, primulas in varieties, cyclamens and carnation pot plants. Baur & Smith's carnation novelties showed up fine and were much admired. Beatrice is good in color and excellent in stem, and the vase of Indiana Market was a grand sight. W. W. Coles had a very creditable display of carnations. The Chicago Carnation Company's display of Fiancee was the center of attraction. The meeting was well attended and everybody was glad to hear the familiar voice of Robt. McKeand. We were sorry to hear from Mr. Haugh that Mr. Stuart's health prevented him from attending. A vote of thanks was tendered to the members and friends of the association for the generous way in which they contributed to the show. A communication from the mayor was read in which he asked the aid of the society in the Liberty Bell parade. Messrs. Wiegand, Nelson, Billingsly and Hückriede were appointed a committee with full power to act. Following were the awards:

CARNATIONS.

Chicago Carnation Company, first on pink, with Fiancee; W. W. Coles second with Lawson.

W. W. Coles first on light pink, Enchantress; W. W. Coles first on light red with Flamingo; Martin Nelson second, with Crane.

Certificate of merit for novelties, in carnations to Baur & Smith for Beatrice, shell pink, Flambo, scarlet; Indiana Market, white; to Richard Witterstaetter for Carnation No. 1021 B, light pink, and for 1060 A, pink.

Honorable mention to Richard Witterstaetter, on vase of seedlings and on vase of improved Lawson; and to Stuart & Haugh on vase of new varieties.

Certificate of merit to E. G. Hill Company for Cardinal, red.

VIOLETS.

Smith & Young, first on double, Marie Louise. Stuart & Haugh, first on single, Princess of Wales; John Hartje, second, on single, princess of Wales.

CUT CHRYSANTHEMUMS

Best white, E. G. Hill Company, first, on Eaton. E. A. Nelson, second, on Eaton.

Yellow, Baur & Smith, first, on Appleton; John Grande, second, on Appleton.

Pink, G. Teilmann, first, on Dr. Enguehard.

Red, E. A. Nelson, first, on Childs.

Any other color, E. A. Nelson, first on Oresco.

Certificate of merit, to E. G. Hill Company, on Souvenir de Calvat Pere.

Certificate of merit on cut roses to E. G. Hill Company for Rosalind Orr English.



FOLIAGE AND FLOWERING PLANTS AT LENOX EXHIBITION, OCTOBER 26.
(Exhibited by W. D. Sloan, F. Heeremans, gardener, who is shown in picture.)

OUT ROSES.

White, John Rieman, first, on Bride.
Pink, E. A. Nelson, first, on Bridesmaid; J. Rieman, second on Mme. Cochet.
Red, J. Rieman, first, with General MacArthur (scarlet).

Any other color, E. A. Nelson, first on Golden Gate.

American Beauty, Frank Harrit, first.
Certificate of merit for new rose novelty, to E. C. Hill Company, for Edna (scarlet).

The main topic seems to be "coal, or how to keep your night man awake."

Irvin Bertermann went to Crawfordsville for a decoration.

John Bertermann returned from St. Louis and has gone to Chicago.

Out of the Ginger Jar.

The spicy pungence of the chrysanthemum has so filled the atmosphere these past few weeks that we of the craft have hardly been able to think of much else, and perforce the observers and commentators—to be faithful to their side of the campaign—have been compelled to either talk mums or be mum.

That must be my excuse for also doing a small stunt on the same theme—chrysanthemum, as the frog-eaters have it. There has been the usual display of big plants and big blooms, splendid stock well done and worthy of every commendation—

"A very good song,
And very well sung."

Yet I doubt if we have really made any advance on the shows of ten years ago either in size, color, quality or culture. It looks to me very much as if we had reached our limit with this noble autumn beauty.

Take the big plants in pots: They were good, but did they compare with many exhibits of the past ten years that all of us can remember numerous instances of? I can remember the glorious plants that used to come from the Drexel place, and it's the same with the big blooms. Who does not remember the magnificent Timothy Eaton the year of its advent? And so I feel that in our jubilations over the accomplishments of the present we would do well to chasten ourselves with an All Hail to the Verners and other splendid boys of the past.

That we have reached our limit is shown also, I think, in the remarkable dearth of novelties this year. Time was when it was nothing for the committees to have eight or ten new claimants to pass on every Saturday during the season. We heard of but very few this year.

But granting all this, I would not have it inferred that because we have reached the top of the hill and can go no higher we should turn tail and hike for home. It means. The glorious landscape is now fully exposed to our view where before only partial but enchanting glimpses were given. Why should we not make up our minds to enjoy it while we may? I can honestly say for myself that I have revelled in the autumn feast of color and form and fragrance and enjoyed it to the full as well as ever before, and hope the day may be a long time coming when we will not have the same opportunity.

Glad to hear from the St. Louis reports that they had "the greatest show ever held" down there. These best words, gentlemen. How can you tell? Have you seen them all? You remind me very much of Brother Kift when he tells the stranger within our gates about the glories of the Philadelphia City Hall—"greatest building in the world" is about the way his story runs. Still have no doubt it was a good show, and considering the

short time the promoters had to get it under way and the difficulties they had to surmount, they certainly excite our warmest admiration. Messrs. Vaughan, Rudd, Hauswirth and the rest are wonders when they get started.

When was the first real chrysanthemum show held in America? I was told the other day that Philadelphia claimed the honor (1883) just twenty-one years ago. That Philadelphia had a chrysanthemum show that year is not doubted, but was it the first in this country? Who can tell? I mean a real chrysanthemum show, not a few plants in a general show, of course.

I think most people will admit that 1893 and 1894 were the banner years of the chrysanthemum in America—the culminating period of its greatest glory. It is safe to say that nearly every city and hamlet in the country had a show then, and it is probably safe also to say that



The Youngest Gardener.
(Wm. Lafay Kasting, of Buffalo, N. Y.)

no such all-around good exhibits have been seen since. Many who were prominent in the temple of O Kiku-San (Miss Chrysanthemum) in those days—men like:

Grove P. Rawson,
E. H. Hunt,
David Allan,
Thos. Cartledge,
E. G. Asmus,
W. J. Palmer,
A. W. Bennett
are with us no more, but we are thankful to still have with us such doughty veterans as:
Robert Craig,
Elmer D. and W. R. Smith,
John Pettigrew,
Wm. K. Harris,
James Dean,
Jno. N. May,
Edwin Lonsdale,
E. G. Hill,
Elijah Wood
and others too numerous to mention. Men like these may not be as enthusiastic now as ten years ago, but they are

still able and willing to take part in the annual function as the seasons roll around.

Speaking of Grove P. Rawson reminds us that horticulture suffered a great loss in the demise of that gifted man in early manhood, and it is only when we look back on his record of hard and conscientious work for the advancement of our art that we begin to realize how great our loss is. I thought of a remark of his the other day while listening to a furious exhibitor who was particularly sore at some supposed sin of omission or commission:

Grove P. Rawson's advice to Exhibitors and Judges: "Keep still and saw wood."

It's just as good advice to-day as it was ten years ago, and I commend it to the disgruntled ones.

What we want now is a review of all the chrysanthemums that are prominent to-day by such able reviewers as Elijah Wood and Edwin Lonsdale. We can all remember their valuable labors in this line ten years ago, and we need them again.

What about Bonnaffon, and Col. Wm. B. Smith, and Philadelphia and Vivian-Morel, The Queen, Mutual Friend, Mrs. Craig-Lippincott, Jessica, Ivory, Golden Gate, Golden Wedding, Eugene Daille-douze, Harry Baskley and such varieties that used to rank so high in the past? Have they all been superseded by better sorts or are we in danger of losing some good things by our desire for novelty?

We also want a blue chrysanthemum and a really good red, also a white one with red whiskers. If Wm. K. Harris, who owns up to being the father of the 'mum and is a comedian of note, will collaborate with his neighbor George Anderson—who has red whiskers to spare, although rather bald on top—I feel sure something will happen. Something generally does when these two get together. First it's a sort of a growling rumble like the roaring of a sucking dove, then two or three vivid flashes of forked lightning accompanied by earth-shaking thunder; then an unholy calm that lasts until the following Sunday, when the performance begins all over again.

But enough of these suggestions. I expect to revert to this subject again after mature deliberation, and will acquaint you candidly what the crucible of time produces. Wishing you all prosperity: May your sorrows turn to joy, and the next one be a boy, I remain, as ever,

GEORGE C. WATSON.

New York Florists' Club.

The regular monthly meeting of the New York Florists' Club was held on Monday evening, November 14, at its usual meeting place, the attendance running upward of 80. Routine business disposed of, reports from special committees were called for. The committees on obituary resolutions made reports. On the death of Dean Hole the committee, through Alex. Wallace, presented resolutions which were carried by a rising vote.

John Birnie, as chairman of another committee, presented a resolution on the death of John Reichert, which was carried.

F. A. Lord, of Irvington, N. Y., H. Dreyer, Woodside, L. I., N. Y., Robert Wilson, Brooklyn, N. Y., J. H. Kemper, Flatbush, N. Y., and Peter Wagner, Flat-

bush, N. Y., were elected to membership in the club.

The nominating committee presented the following names for ballot for office for the succeeding year:

President, Frank Traendly and John Birnie;
Vice-President, S. S. Butterfield and J. Austin Shaw;

Secretary, John Young and A. H. Langjahr;
Treasurer, C. Weathered and Wm. Elliott;
Trustees, Walter F. Sheridan, John Seft John I. Raynor, J. Nash, L. B. Craw and A. S. Burns.

The cut flower exhibit, while not so large as anticipated, was very creditable. H. Weber & Sons, of Oakland, Md., showed *My Maryland*, a new white carnation. Guttman & Weber, of New York, showed *Victory*, a scarlet seedling carnation which has figured prominently in the shows and has its merit certificates many times. C. W. Ward showed the carnation *Judge Hinsdale*, a mottled variety; Ethel Ward, a pink; Robert Craig, scarlet, and Lieut. Peary a beautiful white. Some of the varieties being already in commerce, the committees on awards could not report on them, but the newer varieties were scheduled for an inspection of stock.

Henry Beaulieu showed the hose supporter for which he gained a silver medal at the St. Louis fair. A. N. Pierson, of Cromwell, Conn., had on exhibition some chrysanthemums; W. S. Allen, a pink sport of W. H. Chadwick, an unregistered variety.

The growers of the carnations exhibited were present and invited the club to visit their establishments, and the invitations being accepted the officers were directed to fix dates.

The following resolution was adopted:

WHEREAS We have learned that an Assistant Secretary of Agriculture will shortly be appointed and,

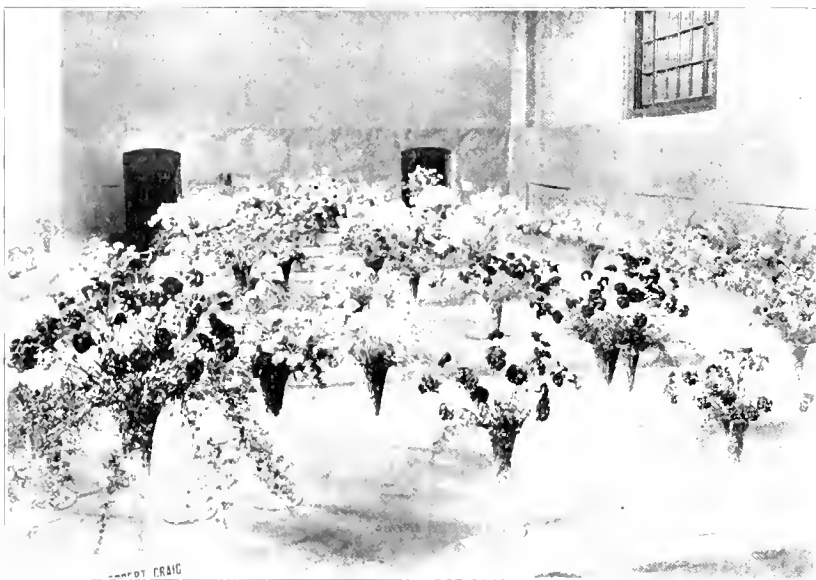
WHEREAS We believe the horticultural and floricultural interests of the United States, as well as the agricultural interests, would be well served by the appointment of Professor W. G. Johnson, of New York City, N. Y., we therefore take the liberty of indorsing his candidacy for the position.

Commercial floriculture in the United States, according to the census of 1900, embraces 6,070 establishments, with a total square feet of glass surface of 68,730,666, with an acreage under cultivation of 42,662 acres, representing a total value of \$52,462,419. It is safe to say that owing to the normal increase, and to the fact that a large number of florists for various reasons fail to report, the foregoing does not represent, in our opinion, more than sixty-five per cent of the actual established glass, acreage and capital invested. In addition to this, the amateur interests, embracing private conservatories and greenhouses throughout the country, as well as the home gardens of the millions of our citizenship, must be taken into consideration and the appointment of a man thoroughly conversant with horticulture and in sympathy with it, as well as with agriculture, would be looked upon with favor by this large class. New York state has a total of nearly 1,000 florists' establishments with a total square feet of glass surface of 10,690,777, with an acreage under cultivation of 7,362 acres with a capital invested of \$8,692,939. Speaking for them, we respectfully ask the appointment of Professor Johnson to the position named.

Be it Resolved, That our secretary be instructed to transmit a copy of these resolutions to his Excellency, President Theodore Roosevelt, and to his Excellency, Frank W. Higgins, governor-elect of the state of New York.

Crotons at Philadelphia.

Croton lovers will please take their hats off to John Hobson. His group of plants, specimens four feet high and three feet through, were perfection in form and color, flawless foliage with the sheen of perfect health; silver medal and well worth it. His specimen plants of *faciatum*, eight feet high and six feet through in the foliage, were also silver medalled and helped to win first also for the group. Thatcher had a magnificent *superbum* which took first in its class. Such crotons have never been seen here before.



CARNATIONS AND ORCHIDS AT THE BOSTON EXHIBITION, NOV. 3-5, 1904.

(See last issue for report of show.)

THE ROSE.

Kaiserin Roses.

Wm. H. Elliott, of Brighton, Mass., grows his Kaiserin roses somewhat out of the ordinary. The plants are taken up when bench space is absolutely needed for flowering varieties, stored in cellar through the winter, started in pots and grown outdoors until needed for the benches again. Plants treated in this manner were producing good blooms in abundance November 1, and found ready sale at good prices even when the chrysanthemum season opened.

Grub Worms In Rose Benches.

ED. AM. FLORIST:—What would you advise to get rid of grub worms in rose benches? When the house was filled with soil (June 15) there were practically none to be seen, but now there are hundreds about one-quarter inch long. I find they kill the plants by eating off the roots and ringing the bark below the soil.

J. S. P.

Grubs of various varieties appear to be unusually troublesome in some sections, judging from complaints received from various correspondents. Some descriptions of their depredations point very strongly to the larva of the genuine rose bug, *Aranigus Fulleri*. Without seeing the actual samples of the grubs one can not be certain of the particular variety that may be doing the damage. Where this particular pest once gets into a rose house there is very little chance of getting rid of it till everything in the form of plants, roots as well as tops, and all the soil, are cleared out of the house and every particle of it burnt. All the surface soil from under benches, etc., should be scraped off and burned with the other, and every crevice in the benches, also in the boards on the sides of the house, etc., should be thoroughly cleaned out. After all this is done, shut the house up tight and burn sulphur sufficient to fill the house full of smoke three or four days in succession. Then it may reasonably be considered that the house is clear of this pest. But there are several kinds of

grubs which work great havoc in rose and other plant houses, the most destructive of these being the larva of the June bug or chafer. These are large and formed somewhat like a horseshoe when not moving from one plant to another; they have brown heads and light colored bodies; they can usually be caught by stirring the soil near the base of the plant affected, and a little careful observation will soon detect these and lead the operator to determine how best to catch them.

JOHN N. MAY.

Disease of American Beauty.

ED. AM. FLORIST:—Please have your expert pass on enclosed sample, flowering tops of American Beauty rose, which seems to be affected with some disease.

V. S.

The samples received had all the appearance of being scorched by sulphur fumes in some form or other, possibly the temperature may have been allowed to run up too high on some bright sunny morning before putting on air. This, with a small amount of sulphur in the atmosphere, would cause the damage to the young, tender leaves, particularly if the soil was a little on the over moist side, or with sulphur on the pipes they may have been slightly overheated which would cause sulphuric gas sufficient to do the damage. If there was no sulphur in any form in the house it may have been caused by a very small portion of illuminating gas escaping into the house. If "V. S." fails to trace the trouble to either of these sources, and will send description of the compost used, we may be able to find a solution of the cause of the trouble. It would materially help to arrive at the true cause of many such troubles if correspondents would give more particulars as to treatment, compost, fertilizers, etc.

J. N. MAY.

DENVER, COLO.—Daniels & Fisher made a fine chrysanthemum display November 9 and 10 with accessories of music, Japanese lanterns, birds, and attendants dressed as Japanese girls. The Daily News gives them a fine quarter page illustrated account.

THE CARNATION.

Carnation Growing.

[Paper read by Theodore L. Ewoldt before the Trinity Florists' Club at Davenport, Ia.]

In writing this paper I don't mean to say I'm going to tell you the proper way to grow carnations or the only way, but it is our way. We have had very good success in growing carnations the last few years, and perhaps our method may be of interest.

We prepare the compost at least four months before benching time. As our soil is fairly rich, we use very little artificial fertilizers. I would say we use about one-sixth cow manure and five-sixths soil. As the heap is being composted we add about fifteen pounds of bone meal and half a bushel of air slacked lime to enough soil to fill a 100-foot bench.

We have the plants well cleaned before benching them as I think cleaning them after they have started to grow gives them a great set back. My experience has taught me that it does not pay to clean carnations after they have once started to grow, for I have tried it, and have found that the ones which were not cleaned always did better than those that were cleaned.

We have been planting our carnations in four inches of soil but after having one bench planted in three inches that did as well as those planted deeper I'll not break my back carrying in the extra inch. After the house is planted and cleaned up we give the bench a good watering, one which will wet the soil clear through. After this one watering we water the plants individually until they have become well established, and from then on never allow the soil to become dry. By that I mean not dry enough so as to crumble in the hands.

We keep the soil moist at all times, as I find they do better so than having them soaked, and then allowed to get pretty dry before watering them again. I believe this soaking and then letting them become perfectly dry has a great deal to do with stem rot.

I believe deep planting has more to do with stem rot than anything else. To cure stem rot I find sulphur and lime gives the best satisfaction. And I have found that using it dry is the best way. The way I use it now is this: Take one-fourth sulphur and three-fourths air-slacked lime (be sure it is perfectly slaked). I then place about a teaspoonful around the base of each plant. If this is not a cure it is surely a good preventative. For example, I can say I yet have my first Crane to dye with stem rot, and you know Crane is a "goner" when stem rot attacks it. I would advise keeping carnations on the dry side when stem rot makes its appearance.

In regard to spraying, I spray my carnations every time I am of the opinion they will be dry before night. The spraying in winter is done as early in the morning in clear days as is possible so as to give them plenty of time to dry off before night, as a wet carnation plant over night is bound to be affected with rust. Once may not do it, but twice in succession may.

Keeping your carnations in a healthful growing condition does away with all disease, and is therefore our aim. We mulch our carnations about December, using one-half cow manure and one-half soil, adding a sprinkling of bone meal and lime. This mulching is all they get till about March, with the exception of

a dusting of soot or wood ashes occasionally, which I think gives color to flowers and stiffness of stem. We keep our houses at a night temperature of 48° to 55° and a day temperature of 65° to 70°, giving them plenty of air whenever the weather permits.

In propagating we take nothing but good, clean, healthy shoots, never taking anything off of a plant that don't look just right. We keep our propagating bench the same temperature as the carnation house, using good, clean sand, and keeping the sand fairly moist at all times. Sprinkle the cuttings very lightly several times a day, for if they once wilt you may as well throw them out. We use very little if any bottom heat. After the carnations have become well rooted we box them up in flats two and a half inches deep, using one-quarter sand and three-quarters soil. We find we can handle them better when grown in flats than when grown in bench. As soon as all danger of frost is over they are set in the field nineteen inches apart in rows which are fourteen inches apart, the ground having been well manured with well rotted manure and the soil well pulverized. We top our carnations every week or so, and never let a bud appear on those we wish to bench in the fall. Keeping them well hoed is half the battle. We start benching about the second week in August.

Treating Frost Bitten Carnations.

ED. AM. FLORIST:—We have a house full of carnations which on the night of October 6 were frozen stiff, the ground in which they stood being slightly frozen also. We showered them with water until ice stood on them, then we shaded the glass to keep the bright rays of the sun off. On this date (October 10) the plants look as though nothing had happened but we are fearful of trouble ahead. Have any of your readers had a like experience? How shall we treat them? How many degrees of frost can carnations stand without injury? J. M. S.

Carnation plants will stand a few degrees of frost if they been gradually

hardened to it. But a soft growth, such as the plants make while growing in the greenhouse, will not withstand much frost without injury, though it will take considerable freezing to kill the plants. The plants in question being all right four days after the freeze it appears that they did not receive freezing enough to injure them unless the buds now on the plants show it on further development; the buds not standing as much frost as the plants. Also the leaves may be touched up a little and still the main branches of the plant not damaged. If any part of the plant has been frozen enough to do any damage it will turn white in a short while. If this should be the case I would advise picking off any affected parts and keeping the plants on the dry side until they get started up again.

C. W. JOHNSON.

Asters Falling to Bloom.

Referring to communications of G. C. H. and G. C. in the October 15 issue of the AMERICAN FLORIST, also to one from F. M. A. October 29, regarding asters failing to bloom, it has been our experience that the principal causes of failure are the root aphid and a disease as yet unidentified, which we call white blight. For the former we find that kerosene emulsion and tobacco water around the roots is very effective. For the latter we have as yet been unable to discover a thoroughly satisfactory remedy. We find, however, that seedlings from frames are less susceptible to it than those started in the greenhouse, and it is our experience that a thorough spraying of the seedlings with bordeaux mixture is very beneficial. As the blight shows up during the growing season, it is too far advanced to be remedied, so we simply pull up and burn all affected plants. So far as we can ascertain from our own experience the fertility of the soil does not have any effect on the blight.

P. K. NORR.

WINONA, MINN.—The flower show held here November 11 was a success and greatly appreciated by the flower loving public.



WREATH OF ORCHIDS AND LEUCOTHOE LEAVES.

THE RETAIL TRADE

When fashion's fancy says 'tis so
And then insists that it shall be,
The rarest, fairest bloom must go—
Sweet victim to her harsh decree.

—Tucker's Fashion.

GOLDEN yellow chrysanthemums with background or tasteful mixture of dark brown oak leaves have a very telling effect.

WINTERBERRY branches with berries are now useful in store work, suggesting something of the near approach of the holiday season.

SCREENS in which flowers and foliage can be used to advantage are gaining in popularity. Kift's small, rubber-topped flower receptacles are handy in this work.

FLEISCHMAN, of New York, makes effective use of handsome vases in his show windows when good flowers are scarce, judiciously blending the vases with material that is not costly.

SUPERB porcelain jardinières, says the Boston Herald—the huge bowls filled with masses of flowers—are now used in the new house beautiful. Tables are severely bare save for the bowl of flowers.

Wreaths.

The illustrations represent two wreaths which are a trifle out of the ordinary. The feature of the one on the tall easel, composed mostly of roses, is the clusters of narrow ribbon to which are attached small flowers taking away in a measure the formal effect of the design. The easel, which is a trifle too conspicuous in the picture, was covered with green before being delivered. When two or more similar wreaths are ordered for the same funeral a little touch like this will give a distinction and enable it to be easily recognized amongst a quantity of others. The smaller design is composed of leucothæ leaves wired separately and arranged in imitation of a wreath of bay leaves. The flowers used are cypripediums and dendrobiums. The high lights on the leaves owing to the lighting and the colors of the orchids seem to have been reproduced much the same on the photographic plate and the effect is not nearly as it appeared to the eye when the pleasing colors were appreciated.

ROBERT KIFT.

Trade Notes.

THE Pittsburgh Cut Flower Company offers an attractive holiday souvenir, sent on postal request.

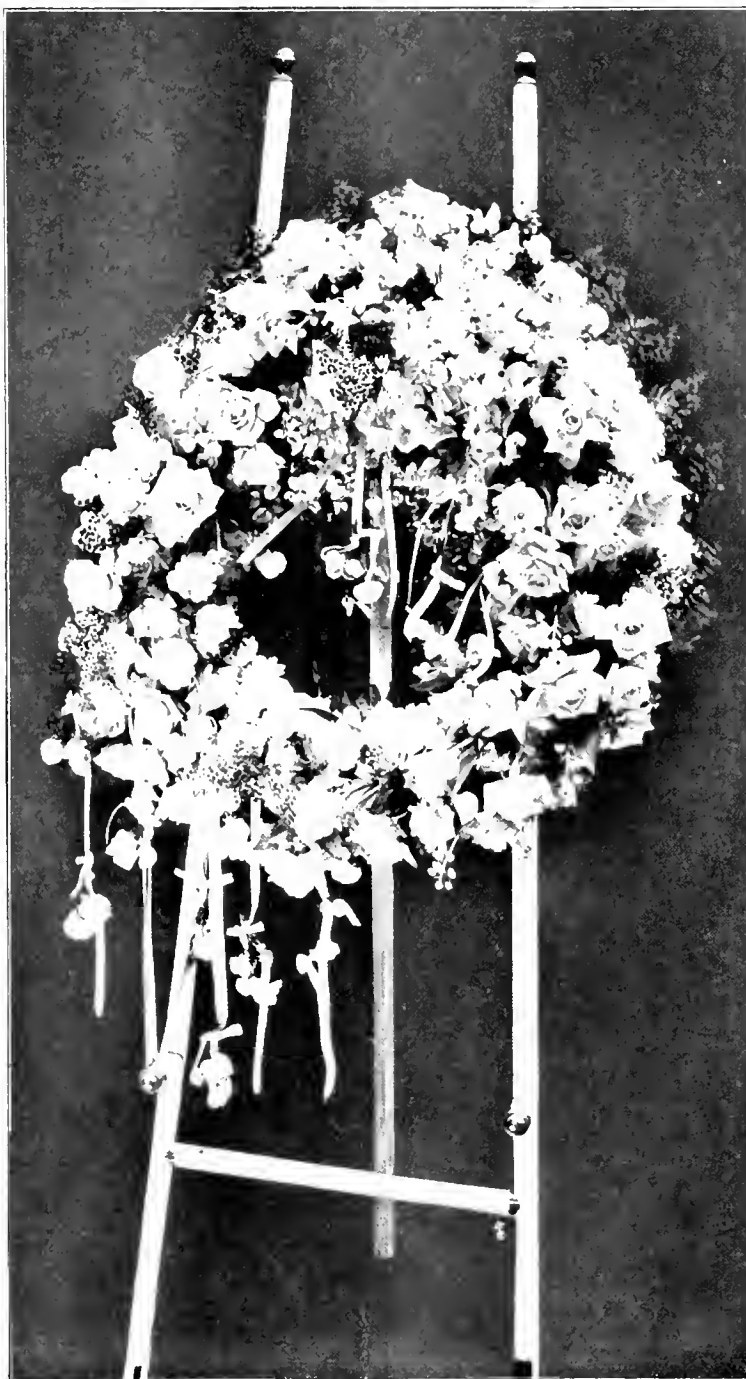
A dividend of about ten per cent has been declared in the bankruptcy case of Geo. C. Sutherland, Boston, Mass.

The West Hartford Florist Company, 40 Church street, is asking for supply catalogues, Hartford, Conn.

R. Dryer, Woodside, L. I., announces a final clearance sale on his premises on Monday and Tuesday, November 21 and 22, John P. Cleary, auctioneer.

Edwin Seidewitz, of Baltimore, Md., has presented a collection of tropical plants to the botanical department of the public college, where he was a former student.

Forty thousand stock plants of Fiancee ought to produce a good many hundred thousand rooted cuttings, says James Hartshorne, of the Chicago Carnation Company.



WREATH WITH NARROW RIBBONS.

New York.

This has been chrysanthemum week. The horse show, which opened this week, had some good influence upon the market. Monday prices were advanced slightly, and as the week went on this improvement was maintained. Meeting this condition there was a heavy influx of stock, and in the face of heavy supplies the expected improvement which is always looked for in connection with the horse show was not marked; at the same time the demand was sufficient to clear up arrivals each day. Chrysanthemums have been overabundant, this week being the period of the fullest supply of these flowers. The horse show took large quantities of yellow kinds and the abundant supply took the market

from other lines, being ample for all needs. As usual, violets are favorites with the show patrons and prices stiffened considerably, as last week closed. In fact, for the very best grades the measure was fully one hundred per cent. The Yale-Princeton football game on Saturday was a feature, moving yellow chrysanthemums and violets. Carnations of higher grade are now arriving and meet with a limited demand. There appears to be a large desire to purchase flowers but buyers are shy of paying highest prices. This is true all along the line and is not confined to any one flower, violets, for the reasons just stated, being the only thing in which a special activity has been seen. On Tuesday there were receipts of hardy chrysanthemums in sprays which

sold well at about three bunches for \$1. These were something different from the regular things and appeared to strike a popular vein; they were cleared up quickly. Roses remain in about the same condition as has been reported for the last few weeks so far as quality is concerned and have met a dull market, being driven back by the chrysanthemum. Of the orchids the bulk of supply is still in *Cattleya labiata*, which is used for dinner decorations and for other social events, with *oncidiums* (often used in conjunction with yellow chrysanthemums) and other kinds in season. Other lines, such as lily of the valley, Paper White narcissi, lilies, etc., hold their own as before. Since election day there has been a better tone in all lines, the stagnation that was noticeable up to that time being entirely removed, although prices do not advance.

Chrysanthemum shows in the greenhouses of the city parks have attracted many visitors. The superintendents at Central and Prospect parks have made many creditable shows, which may have had some influence in the somewhat slim attendance at the flower show this week.

The heavy influx from the various growers who ship to the Cut Flower Exchange is taxing the resources of Joe Millang very heavily. Joe says that the incoming produce is so much that his sleep is full of huge boxes.

James McHutchison, of McHutchison & Company, importers, started on his western trip on Monday, and will return about Christmas time.

John N. May is moving about again nowadays, with much of his old time vigor. He has been around quite frequently of late.

W. E. Marshall will shortly open a store a few blocks higher up town than he at present has his office address.

Left for Chicago show: A. J. Guttman and John Scott to show Victory carnation and the Scott fern respectively.

Visitors in town: W. W. Treacy, Department of Agriculture, Washington, D. C.; W. Kleinheinz, Ogontz, Pa.; Paul Huebner, Philadelphia, Pa.; A. Cowee, Berlin, N. Y.; D. Fraser, Pittsburg, Pa.; R. Vincent, White Marsh, Md.; W. Tricker, Radnor, Pa.; G. Ellwanger, Rochester, N. Y.; T. B. Meehan, Dreshertown, Pa.; Prof. Cowell, Buffalo, N. Y.

Chicago.

Thanksgiving week is the next thing in order, and the market men are getting ready for something unusual in the way of a rushing holiday business. There is every indication that this year's Thanksgiving demand, as well as supply, will exceed that of many former years. The advent of cold weather has had a most invigorating effect on stock, and has caused a comparative shortage in almost all lines. The growers are apparently practicing the old trick of holding back their cuts for the final rush of the holiday business. The demand the last week has been unusually strong for the week before Thanksgiving, and there is a crisp tone about the market that bodes most strongly for a fine run next week. Chrysanthemums have been cleaned up well since the favorable change in the weather, and the blooms are not coming in in such vast quantities as before. The midseason varieties are in force, and some few late varieties are showing themselves. Roses are rounding into fine condition, most of the growers being in with strong crops. American Beauty have not been noted better for many months. The carnation

situation is improving, the quality of most stock showing up much better than a few weeks ago. The demand is toning up better, too, as the chrysanthemum is not claiming the lion's share of attention. All cut flower prices are stiffening, and ante-Thanksgiving day quotations show that the prices will be better than last year.

James Hartshorne, of the Chicago Carnation Company, gave an excursion to Joliet on the 11:45 train Friday morning. The visitors also called on the J. D. Thompson Carnation Company. Of the ladies there were present Mrs. George Asmus, Mrs. Ed. Winterson, Mrs. Lambros and Mrs. Fred Hills. The florists present included P. J. Hauswirth, Eli Cross, Jos. Smely, H. R. Gerhardt, A. H. Schneider, B. F. Myers, August Swanson, M. Agobert, Fred Hills, L. Wasserman, John R. Fotheringham, Fred Dorner, Chas. Johnson, Jas. Steinmetz, J. A. Kramer, W. L. Morris, Swan Peterson, S. S. Skidelsky and J. F. Klimmer.

H. L. Patthey, of Minneapolis, a member of the firm of Murtfeldt & Patthey and promoter and manager of the Minneapolis Journal's sweet pea show of 1903 and the midsummer flower show, held August 10, 11 and 12 of this year, was a visitor this week. He says that in the past two years interest in private gardening and commercial floriculture in Minneapolis has increased fifty per cent.

John Poehlmann, of Poehlmann Brothers Company, and Miss Emma Parker were married Saturday, November 12, at Morton Grove, Ill., in the presence of many friends. The occasion was a very happy one and long to be remembered. They will make their home in Chicago.

The fall exhibition of the Horticultural Society of Chicago brought scores of trade visitors to the city, many of whom were returning to their homes in the east from the World's Fair show. In the report of the exhibition in another part of this issue will be found a large list.

One of the events of the week was the banquet given Thursday evening at the Union restaurant, in connection with the exhibition of the Horticultural Society of Chicago. John P. Degnan had charge of the arrangements, and, as usual, distinguished himself.

The annual flower show in the Lincoln park conservatories, which opened last week, continues to draw large crowds. Fully 5,000 chrysanthemums, worth \$1,000, it is said, are on exhibition. Mlle. Chabanne, a French variety of rare beauty, seems to be the center of admiration.

The Chicago florists who attended the World's Fair flower show, which closed Saturday of last week, are loud in their praises of those who had charge of the undertaking. Manager Phil Hauswirth is resting after a strenuous week.

B. S. Meyers, superintendent of the establishment of W. J. Palmer & Son, was in the city this week. He brought with him several hundred blooms of Palmer's new Red Lawson, which he exhibited at the show.

"The roses of Poehlmann Brothers Company as I saw them growing in their houses November 14 are the best I ever looked at, quantity and quality considered," said a World's Fair juror from New Jersey.

The new Benthey aster, both white and pink, promises to become a great favorite if the rate at which the Beathey-Coatsworth Company is disposing of the seed is an indication.

Vaughan's Seed Store has rented the building at 20 Lake street for their whole-

sale holly and green trade, taking in and reshipping two carloads of the latter this week.

Among the nimrods of the craft none is more enthusiastic than Peter Reinberg. He left this week for the wilds of Battant, Wis., in company with a number of campers.

The heavy autumn storms are making trouble for Superintendent Warder, of Lincoln park, in the esplanade along the sea wall of the Lake Shore drive.

Cattleya trianae are due in about ten days, says Charles McKellar. It is now between crops in orchids and it is difficult to secure large orders.

Interior improvements are under way at the A. L. Randall Company's store on Randolph street. A cool room is among other important additions.

D. W. Brant, of the Growers' Market, reports a good shipping business, with the home demand about equal to the supply.

Andrew McAdams is dangerously ill with pneumonia; his daughter has been summoned from Florida.

The supply end of E. H. Hunt's is very busy these days preparing for a heavy holiday business.

Thomas Wallis, of Rose Hill cemetery, is starting for a week's hunting trip in the south.

The Wisconsin Everglade Company has located for the season at 4 Market street.

Emil Buettner has gone to the hospital to be operated upon for appendicitis.

E. Warrendorf is now with O. J. Friedman.

Philadelphia.

Things have been livelier the past week; there having been several important weddings and debutante teas that made quite a demand for flowers. Chrysanthemums still hold the boards, and vases of choice white and Yellow Eatons, Bonafion, Chadwick, white and Yellow Jones and Golden Wedding give a gala appearance to the stores. Prices are about as last week, ranging from \$1 to \$5 per dozen. Roses are plentiful and of good quality, Beauties being particularly fine. Bridesmaid are all right except in color, which is a trifle light. Liberty is now coming fine and has finally distanced the Meteor, as we know of none being forced this season. Carnations are moving very well, easily holding their own in the race with Enchantress. Lawson and Joost are first in their colors. Many growers are cutting the Enchantress when but little over half open, as they last much longer and will develop to the full in water. Valley has been scarce; what a necessity this flower is is seen whenever the cut is light, then everybody appears to want it. Ed Reid appeared to have had an extra supply and was headquarters for the time being.

Robert Craig & Son are cutting some fine chrysanthemums. Their Yellow Eaton are the best ever seen in this market, in fact all the flowers carried are in the special class. The same growers are making a hit with their small yellow pompon baby. They have it in azalea pots, three or four plants to a pot. It is covered with small flowers of a golden yellow, from one-half to five-eighths of an inch in diameter. All the petals are quilled, which gives it quite a distinctive appearance. It is said to have been recently imported from Japan.

The Philadelphia Cut Flower Company is shipping some large orders to the Brookside cut flower store in Reading.

One order last week consisted of 1,000 Bride roses, 1,000 valley, 1,000 violets, 1,500 carnations and a large number of choice chrysanthemums.

Leo Niessen is handling a very pretty medium-sized carnation. It is a blotched and striped pink edged with white. It is a sprout from Flora Hill, which it resembles in the slender stem and form of flower.

The Chestnut Hill chrysanthemum show is on this week, and for the capacity of the hall is as good as that of the Philadelphia show of last week.

John Shellem is the grower of the new early that was spoken of three weeks ago in this column, although the types made it someone else.

The Philadelphia Cut Flower Company is handling a fine line of chrysanthemums and say they are able to place them without trouble.

Berger Brothers report trade as good, all their special stock being in demand.

Paper White narcissus is seen in quantity. K.

Boston.

The market the past week was worse than the previous week, if that could be possible. The leading wholesale firms report that the past week was the hardest period of the year to dispose of flowers, and that three times as many flowers were brought in as could be disposed of. There was practically no demand for any flowers except chrysanthemums, and the call for them has greatly decreased. The price of violets has withstood the general falling off, and, in fact, they have brought better prices the past week, selling up to \$1 per 100. Violets are scarce this year, and those that have been brought in are of very good quality. The doubles are bring 75 cents per 100. The white varieties are getting short, but there is still a very heavy supply of yellows. As to the roses, Bridesmaids are selling as low as \$1 per 100, while Liberties have been selling well at from \$4 to \$10 per 100. The quality of all varieties of roses has been improving steadily as the cold weather comes on. American Beauty roses have been coming in increasing quantities and are selling from \$2 to \$16 per 100. The price on carnations has picked up slightly the past week. A general inquiry among the florists of this vicinity shows that they have suffered but little loss in their carnation houses from the stem rot disease. The heavy storm of Sunday night did but little damage to the greenhouses in this section, and the rain accompanying it was welcomed by all.

Welch Brothers have on exhibition at their store a new carnation seedling from F. A. Blake, of Rochdale, Mass. It is white in color and is exceptionally large and well formed and has a good calyx. There is also on exhibition a scarlet carnation seedling from George A. Anderson, of Hyde Park, Mass.

Edward MacMulkin, of Boylston street, had on exhibition in his window last week the prize winning flowers at the chrysanthemum show, and they attracted general attention. They proved to be good lasters, for many of them were on exhibition fully ten days.

E. Allan Peirce, of Waverly, has been elected to succeed his father, the late Elisha N. Peirce, on the board of directors of the Boston Co-operative Flower Growers' Association.

Henry M. Robinson & Company, of Province street, are very busy getting ready for their Thanksgiving and Christ-

mas trade and have contracted for a large supply of holly.

James L. Casey's opening of his new store on Bromfield street last Saturday was attended by a large number of his friends, who wished him all kinds of success.

M. B. Bunker, of City Hall avenue, reports that he has had a very large amount of funeral work the past two weeks.

William Nicholson, of Framingham, Mass., has gone to New York this week and will take in the chrysanthemum show.

William C. Stickel, of North Cambridge, has been bringing in some very fine white and Yellow Bonnaffons.

Mr. Spillsbury, of Woburn, has been cutting a fine grade of violets.

Jerry Long, of Holliston, brought in the first stevia of the season. H. P. S.

St. Louis.

This week the market continues very firm. At time of writing everything is very scarce. Many weddings, funerals and social events at the World's Fair use up most of the flowers coming to the commission houses. The flower show at World's Fair has shown that the Chicago market has a far better average stock of flowers in both quality and quantity. It seems certain to your correspondent that if a limited amount of first-class stock could reach the St. Louis markets daily good prices could be obtained above the average. As it is this market is always shy of first-class stock. Roses are decidedly scarce, all varieties. Very few good American Beauty are coming in. Violets are again very scarce. Double violets are now coming in very good, and as there are many strangers here they seem to move as heretofore. Doubles have been a slow selling article, single being the only kind sought after. Carnations are bringing 2 and 3 cents and fancy 4 cents. Smilax, Sprenger and plumosus are selling well. Chrysanthemums are coming in very plentifully, some fine Major Bonnaffon, but 15 cents is about top notch for the finest. Formerly these brought higher prices.

Geo. E. Kessler, chief landscape architect of the World's Fair, has prepared plans for the restoration of Forest park which will be considered by the board of public improvements. Only the Art building is to remain, except some of the newly made roads.

The annual chrysanthemum show at Shaw Botanical garden starts this week under the management of Professor Trelease. Some of the later and choicer varieties are on exhibition.

F. J. Foster has four large decorations this week at the World's Fair; also for Miss Gould's reception at the Buckingham this week which will be a very elaborate and costly affair.

Last Thursday the Florists' Club met with Chas. Juengel in the chair. A very short session was held as the visitors were anxious to attend the flower show at the World's Fair.

Ostertag Brothers have purchased the plants in the horticultural building from the Louisiana Purchase Company for \$1,700.

Frank M. Ellis reports trade very good.

C. A. Kuehn says that carnations are scarce with prices 2 and 3 cents and fancy 4 cents.

Dremer Floral Company reports much funeral work and large trade in plants.

Ayres Floral Company has a very large decoration at the World's Fair.

H. G. Berning has a severe cold. He reports trade as first-class.

Visitors: Mrs. Vesey, Fort Wayne, Ind.; Geo. M. Kellogg, Pleasant Hill, Mo.; George Kuhl, Pekin, Ill.; Theo. A. Dorner, Lafayette, Ind.; C. H. Foreman, Louisiana, Mo.; D. M. Nolan, G. W. Jack, representing A. C. Brown, Springfield, Ill.; E. O. Stevens, Shenandoah, Ia.; John A. Evans, Richmond, Ind.; Martin Reukauf, Philadelphia.

Baltimore.

The past week has been one of moderate activity in cut flowers, though not so good as the preceding one, for which falling off, as usual, the election is given some credit. Fair supplies of all varieties are maintained, the glut of chrysanthemums being unabated. Roses, generally, are improving, carnations are up to the average, while violets see-saw somewhat in quality and supply.

The county fair season, which ended with October, was one of the most successful series of these events ever held in Maryland, the attendance of visitors being enormous, on some days reaching at some of the grounds upwards of 50,000 persons. Most of these fairs have commodious buildings and nearly all give moderate premiums for displays of cut flowers and pot plants. In this way the popularity of ornamental gardening is enhanced. Of one of these fairs, that of Baltimore county, the central, largest, richest and most populous county of the state, a florist is, and has been for years, the president. He is Alexander, McCormick, Jr., of Fullerton, who is widely and favorably known to the entire trade of this city. Mr. McCormick raises roses, carnations, callas and a general stock, which is disposed of to the stores in various sections of Baltimore. His place is an historic one. On his farm is a gigantic chestnut tree, measuring some twenty-five feet in circumference of trunk, under whose wide-spreading branches, during the Revolutionary War, Washington and Lafayette took counsel and ate their meals while camping on the place when the patriot army was marching from Baltimore to Philadelphia.

The first owner of the manor was George Councilman, who received it by original grant from Lord Baltimore, the founder of the province of Maryland. This original document, engrossed on parchment, with its enormous seal in wax, is still in the possession of Mr. McCormick, who intermarried with the Councilman family.

Another landmark on this interesting estate is an old Indian trail which passes through the woodland and is easily traced. That it was a favorite course and camping place for the red men is proved by the abundance of relics of the aborigines found from time to time, including axes, darts, spear-heads, bits of pottery, etc. In the farm house is a rich collection of these curious Indian products.

Near the farm stands one of the old-time road way taverns, which were not infrequent in the stage coach days, the "Blue Ball," once the resort of bloods and belles from Baltimore, the scene of great political gatherings, and where the favorites of the parties of past eras made great orations before crowds of their admiring followers. Henry Clay was one who was received with great favor in his day.

At another point on the road near by a great stone marks the scene of a highway robbery and murder committed by two highwaymen, who held up a stage coach plying between Philadelphia and Baltimore, dragged the driver from his seat and killed him upon his showing resistance, robbed the passengers and carried off the mail bags, which they rifled at their leisure in the city. They threw the pouches into a stream, but were observed by a city watchman who followed them and secured their arrest. They were later convicted and hanged.

Mr. McCormick is of Scotch descent and amongst his most cherished treasures is a sword used by one of his ancestors during the wars of the time of the Bruce. He is a man respected and beloved in his community, and his character for steadfastness and reliability may be inferred by the statement recently made in a paper of his county that in the twenty-six years during which he has been an official of the Fair Association he has never lost a day from the discharge of the duties assigned him. A few weeks ago he was selected by the governor of the state as one of the representatives from Maryland at the great Farmers' Congress held in St. Louis.

Hans Schuler, the son of Mrs. Schuler-Thomas, who has a neat store on Saratoga street, where she does a flourishing florist business, is adding to his reputation as a sculptor and gaining as well the rewards which are sure to come to genius. He is receiving commissions from a number of prominent citizens for work in marble and bronze, one of his latest being a bust of Dr. William Osler, the eminent physician and head of the John Hopkins Hospital, who next year will leave that institution to become Regius Professor of Medicine at Oxford. Mr. Schuler, besides the prizes won in Paris, has lately received a medal for his sculptures exhibited at the fair at St. Louis.

John Eherhart, who lost his store on North Howard street when business properties were so much in request after the big fire, has leased another on the same thoroughfare, just opposite the Academy of Music and quite in the center of the theater district. Unfortunately, in this city, of late, the call for flowers for the theaters does not reach the proportions it assumes in certain other cities. Of course, box and other theater parties make some business, and the footlight favorites get a fair share of floral testimonials, ordered by themselves or other admirers, but the fact remains that the custom is not followed as generally as the trade would like to see.

In common with a great stretch of country we encountered a minor blizzard last Sunday, the fall of snow being unprecedented for so early a day in the season. The wind was very high and a great deal of damage was done to electric wires of every description, and there was some serious injury to property. Fortunately the temperature was not so very low, and the snow, which here measured nearly six inches, is rapidly disappearing.

Frederick G. Berger, of Greenmount avenue, was sued for \$5,000 for slander by a trolley car conductor, who alleged that Berger had publicly charged him with failing to "ring up" a fare. The case came to trial yesterday and attracted considerable attention, the lawyers on both sides being conspicuous and able members of the bar. After deliberation the jury found for the defendant.

Julius Fischinger, one of the old time gardeners who for many years has carried on business on or near the York road,

has taken to his bed and is reported to be in a precarious condition.

S. B.

Washington.

The first part of last week was dull and on the day after the election trade was about at low water mark. The latter part of the week was better and Saturday braced up and sustained its record as a good day for the trade. And now, with the country "saved," with the meeting of congress near at hand, and sustained by the assurance from high authority that every man shall have a "square deal," there is reason to believe that this season will be a prosperous one for the florists.

On Sunday, November 13, this city and vicinity was visited by a snowstorm that almost paralyzed the oldest inhabitant, for it came on so suddenly and snowed so fast that he had no time to draw on his stock of weather yarns. The flakes were very large, very wet, and very plentiful, and with a brisk wind to give them momentum, they made short work of covering greenhouses with a coat of sleet. Fortunately frost did not immediately follow the storm and most of the snow soon melted off, but it made things very disagreeable for a time. It is hard to write at this time and leave out the chrysanthemums, but it is a reasonable supposition that all the dealers will be glad when it is gone. Last week thereal big fellows began to appear and they are still appearing.

On Wednesday, November 9, a delegation of business men of this city visited the executive mansion to felicitate President Roosevelt on the result of the balloting of the previous day. Each man carried an American Beauty rose and presented it to the chief executive. The delegation was headed by Col. John Biddle, H. B. McFarland and H. L. West, commissioner of the District of Columbia. W. F. Gude and Fred H. Kramer were members of the delegation.

J. H. Small & Sons have a fine display in their store of the larger and standard varieties of chrysanthemums. Among the most noteworthy are Timothy Eaton, Col. Appleton, Pennsylvania, General Hutton, Golden Wedding and Intensity. The blooms in the collection are much above the average size on extra long stems and banked with large palms and a variety of ferns, make a fine display.

J. R. Freeman has chrysanthemums galore, enough to fill another store—no poetry intended—grown at his Georgetown greenhouses. As vice-president of the Society of American Florists, Mr. Freeman will take the title role in the preparations for the next convention, and is broad enough to give every man a "square deal."

Harry Jones has severed his connection with Geo. C. Shaffer's store and is open to an engagement. That he may soon land something "just as good," is the wish of his many friends.

Henry Pfister has an attractive display of chrysanthemums, ferns and foliage plants. The Connecticut avenue dealers are quiet men but powerful thinkers.

George H. Cooke has a fine showing of chrysanthemums and Adiantum Farleyense. He has a nice stock of palms of medium size that sell well.

Fred H. Kramer is doing quite a wholesale business with several of the southern cities, but keeps his store and market stalls well filled up.

J. Louis Loose has a great stock of

chrysanthemums, pink being most noticeable, though he has them in all colors.

Alex. B. Garden is sending in Paper White narcissi.

S. E.

Buffalo.

The weather last week was all that could be wished for. Trade is very good and there is a plentiful supply of everything.

The principal event last week was the H. A. Meldrum flower show, which was a success; fifty premiums awarded. There were seventy entries staged and \$1,070 awarded in premiums. Exhibitors from out of the city were as many as last year. The absence of E. G. Hill this year was noticeable, while the exhibits of Nathan Smith & Son, Adrian Mich.; W. J. & M. S. Vesey, Ft. Wayne, Ind., and Gunnar Tielmann, Marion, Ind., were fine. The flowers shown were fine, and the only unfortunate thing was the heat of the place, which of course cannot be overcome.

The judging this year was by William T. Bell, Franklin, Pa., Peter Crowe, Utica, N. Y., Prof. John F. Cowell, Buffalo, N. Y., and their decisions were very satisfactory. Table decorations had only two entries this year, and both were fine. The basket, any style and flower for the Florists' Club cup, was won by Charles Sandiford, gardener to J. J. Albright, with a handsome basket of orchids. The quality of American Beauty roses, as a whole, was not as good as last year in the exhibit baskets. Yellow was more in evidence and a beautiful pink. The arrangements were all good and the decisions generally satisfactory. It seems as if the zenith had been reached in size.

A vase of twenty-five flowers of Chrysanthemum General Hutton, exhibited by William Scott, attracted much attention.

Another chrysanthemum show held last week and which was crowded daily was given by S. A. Anderson to open his remodeled store. The quality and quantity of the chrysanthemums was the talk of the town and press notices were numerous.

The Florists' Club gave a dinner to the judges at Saturn hall on Thursday evening at 8 p. m., when a very enjoyable evening was spent. The most noticeable absentee was Wm. Scott, who has not been feeling well for a few weeks, and upon the advice of his physician remained at home. In his absence the chair was ably filled by Wm. F. Kasting, who wisely called upon the visitors and very few of the locals and admonished all that brevity was the sole of wit. Wm. Bell and Prof. Cowell ridiculed each other as the poets on the chrysanthemums, and congratulated the club on the enterprise of the H. A. Meldrum Company in giving such a good show. Peter Crowe spoke on the honor of being a judge. Superintendent Keitsch did the solid talking and D. B. Long gave some good advice. To Elmer Smith, of Adrian, Mich., F. W. Creighton, Philadelphia, Pa., Thomas Murdoch, Titusville, Pa., A. F. Vick and F. H. Walrath, Rochester, N. Y., were given the toasts of our visitors and exhibitors from afar. Mr. Creighton is a good story-teller and Mr. Murdoch a first-class Scotch singer; J. C. Seyler, of the H. A. Meldrum Company, spoke on what the firm thought of its three years in the exhibition business. S. A. Anderson spoke on why the down-town stores did exhibit. Chas. Haas, sleight-of-hand artist, was good. Chas. Sandiford was

presented with the trophy and responded in a few well-chosen words, thanking the club for the gift. Ed Slattery and Andy Adams spoke, looked and acted the parts of the kicking blocks for every one in the retail trade, there were about fifty present and all had a very enjoyable time. Those who were absent were the ones that were feeling sorry.

The trade in the down-town stores on election night was very large, Palmer and Anderson being almost unable to wait on trade. Chrysanthemums of all colors were plentiful, and played as big a part in the election celebrations as did the tin horns.

Visitors last week were: W. J. Vesey, Fort Wayne, Ind.; Elmer Smith, Adrian, Mich.; A. F. Vick, Rochester, N. Y.; F. H. Walrath, Rochester, N. Y.; Wm. Stroh, Attica, N. Y.; Thos. Mansfield, Lockport, N. Y.; Henry Wise, East Aurora, N. Y.; Jerry Brookins, Orchard Park, N. Y.; Wm. T. Bell, Franklin, Pa.; Peter Crowe, Utica, N. Y.; J. Miller, Toronto, Ont.; Wm. Ehman, Corfu, N. Y.; Gunnar Tielmann, Marion, Ind. Bison.

Newport, R. I.

We are all heartily glad that the election is over and that now business will become steady again. Thanksgiving is next, for which holiday both florists and seedsmen alike are making about the usual preparations. Chrysanthemums are still holding out well and retail prices seem to be a little firmer than last week. Good chrysanthemums have sold to customers from \$2 to \$2.50 a dozen and fancy flowers from this up to even \$6 for some very special selections. Carnations, on the other hand, have eased and good ones were this week sold for 50 to 60 cents a dozen. Violets are still not very plentiful, but enough to go around at 50 cents a bunch of fifty. Roses hold their own and prices have not changed. The seedsmen are pushing outdoor bulbs hard trying to close them out before the ground closes for the season, as we are beginning to have some cold freezing nights and every day the soil gets harder to work.

What will surely prove to be a very interesting feature of the June exhibition of the Newport Horticultural Society next year is a silver cup of the value of \$50 offered by Miss Alice Keteltas for the best group of plants or shrubs arranged to form the entrance decoration to an estate, the only conditions imposed being that evergreens of no kind be used. Miss Keteltas thinks there is altogether too much sameness in the way the entrances to the estates here are decorated, as in almost every case evergreens are employed, and she believes that other plants and shrubs can be used with good results, hence this prize. It will be a very interesting competition.

Andrew J. Pow, head gardener to Mrs. Cornelius Vanderbilt, at the Breakers, has for many years made a specialty of amaryllis, and he has certainly had wonderful success with them. He exhibited at the Boston show week before last a stand of Amaryllis Belladonna major that attracted much favorable attention and was awarded a special gratuity by the Massachusetts Horticultural Society.

William C. Elliott, who for many years has been making various experiments for the improvement of sweet corn, has at last obtained a variety which he calls the Improved Country Gentleman, and which certainly seems to be a very superior sort. Mr. Elliott tells the writer that from the same row of corn he picked ears

in perfect condition for the table for seven consecutive weeks.

A week ago Saturday afternoon Richard Wenham, of New York, in closing the florist store of Wadley & Smythe in the Casino block, was in the basement, when the big iron door in the curb fell and knocked him senseless. His head was badly cut. Dr. Stewart was summoned and nineteen stitches were taken. The injured man left for New York the same night.

The old favorite *Lilium candidum* seems to be more in demand here this fall than for years, in fact the call for hardy Easter lilies has long since exhausted the supply. It is very pleasing to see these neglected plants receive the attention they deserve.

H. L. DeBlois, the seedsman, has been having a sale of house plants this week, offering Boston ferns at 50 and 70 cents each, small palms 65 and 75 cents each, and some assorted ferns for fern dishes at 15 cents each.

Arthur Zirkmann, representing M. Rice & Company, of Philadelphia, was here this week looking after the needs of his customers in Christmas goods; he reports trade as being very good indeed.

James J. Mulry, for Sigmund Geller, New York, was a visitor this week, with Christmas bells and other novelties.

Henry M. Robinson & Company, of Boston, Mass., who were represented by J. Margolis, and F. A. Farrar for the Whitney-Eckstein Seed Company, of Buffalo, N. Y., completed our visitors this week. X.

Bay Shore, N. Y.

The first annual exhibit of the Bay Shore Horticultural society was held in the Casino November 1 and 2 and was a magnificent array of flowers, fruits and vegetables, the quality being unsurpassed anywhere. The display was well arranged and the attendance was phenomenal. Gardener Tobin on the Edwin Thorne place is deserving of especial mention. His exhibits in many cases won first prizes and where he took seconds he pressed the James H. Hyde products, M. J. Connellan, gardener, very closely. His collection of vegetables numbered 152 varieties, F. G. Bourne's, 120. The display of the W. Duckham variety of pink chrysanthemums by J. H. Hyde received favorable attention. In the amateur class President Strong, of the society, made a very fine showing and captured most of the leading prizes.

Tuxedo, N. Y.

The annual chrysanthemum exhibition given by the Tuxedo Horticultural Society opened at the clubhouse with a large collection of beautiful plants. The society, which was organized three years ago, has grown rapidly and now a large majority of property owners of Tuxedo Park have become members. The prizes were evenly divided. C. B. Alexander, Richard Mortimer, George F. Baker and Richard Delafield were among the largest exhibitors.

In the special class for Wootton cut roses, Golden Gate roses and Ivory roses C. B. Alexander received first prize. A special prize given by the Horticultural Society for the best chrysanthemum grown in a 6-inch pot was won by Eleanor Klein.

Montreal, Can.

The autumn flower show was held in Windsor Hall, and both plants and chrys-

anthemums were fully up to the usual standard. A. Pinoteau, city gardener, showed a fine group. W. H. Horobin, gardener to R. G. Reed, took first prize for chrysanthemum plants. Hall & Robinson made a fine table display. John Eddy & Sons exhibited designs. T. J. Gorman's exhibit of Timothy Eaton was a feature, as were also the mantel exhibits.

Albany, N. Y.

Two automobiles decorated by H. G. Eyres were awarded first and second prizes, respectively, at the automobile parade held in connection with the Halloween carnival on October 31. The decorations were confined to the carnival colors, yellow, green and white.

H. L. Menand has engaged J. H. Boyle to travel for him on the road. Mr. Boyle has been quite successful in getting orders in this section.

R. D.

Keene, N. H.

A voluntary corporation has been formed under the laws of New Hampshire to carry on the business of the well-known florists, Ellis Brothers. This concern was established thirty years ago by Albert and Marcus Ellis. Jerome E. Wright was chosen treasurer and Thomas Hadley general manager. Mr. Hadley has for a long time been the foreman of the greenhouses and is an experienced florist, with a large acquaintance in Keene and vicinity.

WASHINGTON, I.A.—The Washington Horticultural Society will hold a three-day session at Lone Tree, beginning November 21.

PARKERSBURG, W. VA.—Gus. Obermeier has been notified that he has been awarded a gold medal for his exhibit of Canna West Virginia, at the World's Fair.

BENTON HARBOR, MICH.—The Twin City Floral Company has disposed of its greenhouses to Eldred & Sykes, who have torn down the place and used the glass elsewhere.

AIKEN, S. C.—The annual chrysanthemum show held at the Magnolia Inn Friday night was the most successful ever held here. Rev. B. R. Turnipseed made an address.

ATHOL, MASS.—Improvements and additions are still going on at Sutherland's greenhouse on the Orange road. The last is the building of a large tank to hold water prepared for freshening flowers.

NORTH LEOMINSTER, MASS.—Edwin Dove, formerly employed at the greenhouses of M. D. Haws, on Prospect street, has purchased a greenhouse on Exchange street and will operate it for himself in the future.

WACO, TEX.—The ninth annual chrysanthemum show, which opened here on November 9, was the greatest in the history of the southwest. P. J. Berckmans was the judge. Special railroad rates were given. A reception closed the show November 12.

The Best Customers.

AM. FLORIST CO.—The best customers I have obtained through trade paper advertising have come to me through the columns of the AMERICAN FLORIST.

ALBERT M. HERR.

THE AMERICAN FLORIST

TWENTIETH YEAR.

Subscription, \$1.00 a year. To Europe, \$2.00.
Subscriptions accepted only from those
in the trade.

Advertisements, on all except cover pages,
10 Cents a Line, Agate; \$1.00 per inch.
Cash with Order.

No Special Position Guaranteed.

Discounts are allowed only on consecutive inser-
tions, as follows—8 times, 5 per cent; 13 times,
10 per cent; 26 times, 20 per cent;
52 times, 30 per cent.

Space on front pages and back cover page sold
only on yearly contract at \$1.00 per inch, net.

The Advertising Department of the AMERICAN
FLORIST is for florists, seedsmen and nurserymen
and dealers in wares pertaining to those lines only.

Orders for less than one-half inch space not accepted.

Advertisements must reach us by Wednesday to
secure insertion in the issue for the following
Saturday. Address

AMERICAN FLORIST CO., Chicago.

When sending us change of address, always send
the old address at the same time.

THIS ISSUE 96 PAGES WITH COVERS.

CONTENTS.

| | |
|----------------------------------------------------------------------------------------------------------------------------|-----|
| Conference of horticulturists at World's Fair flower show..... | 637 |
| —By William Falconer, Pittsburg, Pa..... | 638 |
| —Active workers of World's Fair show (por- traits)..... | 639 |
| —By George C. Watson..... | 640 |
| —A national council of horticulture..... | 641 |
| World's Fair flower show notes..... | 641 |
| —Additional awards..... | 642 |
| —Opinions of the show..... | 642 |
| —Complete list of visitors..... | 642 |
| The exhibitions..... | 644 |
| —Horticultural Society of Chicago (illus.)..... | 644 |
| —Tuesday's awards..... | 644 |
| —Officers of Chicago flower show and members of the executive committee of World's Fair flower show (portraits)..... | 645 |
| —Wednesday's awards..... | 646 |
| —Thursday's awards..... | 646 |
| —Friday's awards..... | 647 |
| —Special awards..... | 647 |
| —Visitors registered..... | 648 |
| —Notes of the show..... | 648 |
| —C. W. Johnson's opinion of the show..... | 649 |
| —Florists' Club banquet..... | 649 |
| Exhibition at New York..... | 650 |
| Exhibition at Indianapolis..... | 651 |
| Out of the ginger jar..... | 652 |
| The youngest gardener (portrait)..... | 652 |
| New York Florists' Club..... | 653 |
| Crotons at Philadelphia..... | 653 |
| The rose—Kaiserin roses..... | 653 |
| —Grub worms in rose benches..... | 653 |
| —Disease of American Beauty..... | 653 |
| The carnation—Carnation growing..... | 654 |
| —Treating frost-bitten carnations..... | 654 |
| The retail trade—Wreaths (illus.)..... | 655 |
| Trade notes..... | 655 |
| New York..... | 655 |
| Chicago..... | 656 |
| Philadelphia..... | 656 |
| Boston..... | 657 |
| St. Louis..... | 657 |
| Baltimore..... | 657 |
| Washington..... | 658 |
| Buffalo..... | 658 |
| Newport, R. I..... | 659 |
| Bay Shore, N. Y..... | 659 |
| Tuxedo, N. Y..... | 659 |
| Montreal, Can..... | 659 |
| Albany, N. Y..... | 659 |
| The lesson of the St. Louis show..... | 660 |
| Chrysanthemum society report..... | 660 |
| Flower shows everywhere..... | 660 |
| Chrysanthemum Society of America..... | 661 |
| The seed trade..... | 668 |
| —British adulteration of seeds act..... | 668 |
| —Views on seed farms of W. J. Fosgate (illus.)..... | 668 |
| The nursery trade..... | 670 |
| —The American Civic Association..... | 670 |
| Cincinnati..... | 670 |
| Our pastimes (illus.)..... | 672 |
| —Flowers commercialized (illus.)..... | 672 |
| Columbus, O..... | 672 |
| Milwaukee..... | 696 |
| Providence, R. I..... | 696 |
| Allied trades..... | 714 |
| —Building a greenhouse..... | 714 |
| —Greenhouse heating..... | 714 |
| Louisville..... | 716 |
| Cleveland..... | 720 |
| Pittsburg..... | 720 |
| Lowell, Mass..... | 720 |

READING, PA.—H. J. Huesmar and son
were visitors at the Philadelphia exhibi-
tion last week.

THANKSGIVING is the beginning of one
of the few harvest periods for the florist.
We extend greetings and congratulations
to our readers and hope for a happy out-
come of the holiday season.

COLLECTIONS this fall are reported
rather slow.

LOUIS DRAPS, prominent in Belgian hor-
ticulture, died at Laeken October 29.

A GERMAN house, in its latest cata-
logue, classifies the peony on the shape of
the flowers.

It is expected that the World's Fair
flower show guarantors will receive a
substantial dividend.

THE parcel post system is being
strongly advocated by the Postal Prog-
ress League, 21 Park Row, New York.

ADVERTISERS and correspondents will
oblige by sending copy for next issue as
early as possible on account of the holi-
day.

AMERICAN GARDENING has discontinued
publication. This journal has been in
practically continuous existence for thirty
years.

EVIDENCING great and increasing gen-
eral interest in flowers is a very carefully
written column article on the chrysan-
themum in the New York Tribune.

A CABLEGRAM from Tokio of 200 words,
regarding the Mikado's flower show, is
sent abroad by the Associated Press.
What could more emphasize public inter-
est in flowers?

DON'T ship perishable plants by freight
now except in warm refrigerator cars
which will not be opened enroute. Better
pay more express charges than injure or
lose the plants.

SEEDSMEN generally report a growing
demand for ornamental plants (indoor)
of better quality than heretofore. Is
this department of the business slipping
away from the retail florists in our large
cities?

"WITH the introduction of imported
exhibition varieties the commercial
grower must take more care than ever
in selecting his list of what to grow in
chrysanthemums the coming season,"
says Elmer D. Smith.

DRACENA TERMINALIS planted out in
benches will color better than when
wholly grown in pots, the plants to be
potted when the coloring is well devel-
oped and plunged in spent hops or other
material affording similar bottom heat.

A HORTICULTURAL council or committee
could well find work to do in promoting
horticulture, holding at least four meet-
ings a year. The various trade organiza-
tions should have one or more delegates
as regular or auxiliary members of the
board.

"If you don't see what you want, ask
for it." If a strong and representative
delegation had early demanded of the
Louisiana Purchase Exposition rightful
horticultural representation in special
and other premiums, perhaps results
would have been different.

NO ACTUAL awards at the World's Fair
in agriculture or horticulture have been
finally approved by the National Com-
mission as we are informed, though the
superior jury approved recommendations
in most groups, if not all. When such
awards become final the AMERICAN FLOR-
IST will make them public.

The Lesson of the St. Louis Show.

A paid attendance of over 31,000
adults, with more than 5,000 children,
best expresses the result of the show in a
broad way. Thinking men know what
an influence for our art is carried abroad
by that number of visitors. Those who
were at the fair know what live interest
was awakened in the city, and on the
grounds by the freehanded exploitation
in the public press. This interest showed
itself on every day of fair weather condi-
tions. The press agencies who carry live
news the length and breadth of the land
wired the fact of the show to every city
from Maine to Oregon, as clippings
verify. Does this not stimulate our trade
everywhere? The broad purpose of the
show has then been attained, namely
publicity through the press. How about
the narrower side? The cash prizes have
been competed for by grand entries and
the liberal premiums won and will be
paid. The World's Fair awards have
been recommended and will be announced.
The Shaw medals and prizes have been
awarded as earned. Finally it has been
demonstrated that floriculture and hor-
ticulture can get all their deserved pub-
licity, all their deserved recognition, all
their worthy attention of the people
and of the powers that be if only those
who represent these arts will take hold
and demand recognition and show that
they deserve it. Little if any of our pro-
ducts are necessities. The public are
buyers only because their attention is
directed to the flowers, therefore good
advertising is especially valuable. And
through such public exhibitions reading
matter is provided which could not be
purchased for hundreds of thousands of
dollars, and a broad uplift is given to the
craft everywhere. For the future let us
resolve to let no opportunity pass which
presses the art of floriculture into the
foreground of the willing public's atten-
tion.

Chrysanthemum Society Report.

We are in receipt of the proceedings of
the second annual meeting of the Chrys-
anthemum Society of America held at the
Herald Square exhibition hall, November
13, 1903. This is a very valuable con-
tribution to chrysanthemum literature.
After the reports and addresses usual at
such meetings we find an excellent paper
on "Diseases of Chrysanthemums" by
Professor Stone, of Amherst, Mass. This
matter occupies twenty-nine pages and
the remaining 107 pages are devoted to
Elmer D. Smith's "List of American
Varieties" and "List of Foreign Vari-
eties," which are masterly compilations
and worth ten times the price of mem-
bership in the society to everyone inter-
ested in chrysanthemums. Secretary
F. H. Lemon, Richmond, Ind., can sup-
ply the copies.

Flower Shows Everywhere.

Augusta, Ga., November 9.
Eric, Pa., S. A. Baur, store show.
Lexington, Va., church show.
Lyons, N. Y., under auspices of Civic
Club.
Spokane, Wash. (Mrs. E. Alexan, sec-
retary).
Waco, Tex., largest ever held.
Washington, D. C., George H. Brown,
superintendent government gardens.
Yorkville, S. C., church show.

THE address label on your paper will
show whether your subscription has
been received. The date is changed in
one to two weeks after its receipt.

Chrysanthemum Society of America.

President Herrington has announced the committees to examine seedlings and sports on dates as follows: November 19 and 26, 1904.

Exhibits to receive attention from the committees must in all cases be prepaid to destination, and the entry fee of \$2 should be forwarded to the secretary not later than Tuesday of the week preceding examination.

New York—Eugene Dailedouze, chairman, care of New York Cut Flower Company, Sixth avenue and Twenty-sixth street. C. H. Totty, Wm. Plumb.

Philadelphia, Pa.—A. B. Cartledge, chairman, 1514 Chestnut street; John Westcott, Wm. K. Harris.

Boston, Mass.—E. A. Wood, chairman; Wm. Nicholson, James Wheeler. Ship to Boston Flower Market, care John Walsh.

Cincinnati, O.—R. Witterstaetter, chairman; James Allen, Wm. Jackson. Ship to Jabez Elliott Flower Market, care janitor.

Chicago—James S. Wilson, chairman; Edwin Kanst; P. J. Hauswirth. Ship care of J. B. Deamud, 51 Wabash avenue.

The Chicago committee served at the World's Fair show.

WORK OF COMMITTEES.

At New York, November 5—Bride, exhibited by Lakeview Rose Gardens, of Jamestown. Color, white, Japanese incurved; scored 69 points.

At Philadelphia, November 8—No. 4, exhibited by Henry G. Standen, Haverford, Pa. Color, white, Japanese incurved; scored, commercial scale, 85; exhibition scale, 78 points.

At New York, November 11—A variety (name to be given later), exhibited by Howard Nichols, Yonkers, N. Y. Color, dark mahogany, gold reverse; Japanese; scored, exhibition scale, 89 points.

At St. Louis World's Fair flower show, November 11—Beta, exhibited by the E. G. Hill Company, Richmond, Ind.—Color, pink, incurved; scored, commercial scale, 83 points.

Souv. de la C'tess. Reille, exhibited by E. G. Hill Company—Color, silvery pink; type of V. Morel; scored, exhibition scale, 83 points.

Souv. de Calvat Pere, exhibited by E. G. Hill Company—Color, white, shaded lemon and pink, incurved; scored, commercial scale, 83; exhibition scale, 87.

42-2-02, exhibited by Nathan Smith & Son, Adrian, Mich.—Color, white; incurved; scored, commercial scale, 88 points.

No. 12, exhibited by Fred Dorner & Son, Latayette, Ind.—Color, yellow, incurved; type of Dailedouze; scored, commercial scale, 86 points.

Mme. Emile Lemoine, exhibited by E. G. Hill Company—Color, pinkish white, type Chadwick; scored, commercial scale, 87 points, exhibition scale, 89 points.

Mlle. Anna Debono, exhibited by E. G. Hill Company—Color, creamy white, type Morel; scored, commercial scale, 89; exhibition scale, 90 points.

Prefet Boncourt, exhibited by E. G. Hill Company—Color, cream white, reflex; commercial scale, 88; exhibition scale, 87 points.

At Cincinnati, O., November 12.—Adelia, exhibited by John Breitmeyer's Sons, color white, Japanese incurved; scored, commercial scale, 89 points.

Majestic, exhibited by John Breitmeyer's Sons, color pure white, Japanese incurved and reflex; scored 90 points commercial scale.

Souv. de Calvat Pere, exhibited by the E. G. Hill Company, color white cream

and blush pink (undecided white); Japanese incurved; scored, exhibition scale, 91 points.

No. 37, exhibited by Nathan Smith & Son, color magenta pink; reflex Japanese; scored, exhibition scale, 85 points.

Mlle. Anna Debono, exhibited by Nathan Smith & Son, Adrian, Mich.; color white; Japanese reflex; scored, exhibition scale, 85 points.

Souv. de Calvat Pere, exhibited by Gustav D. Lotze, Glen Burnie, Md. Color white tinged with rose and rose center. Japanese incurved. Scored, commercial scale, 85 points; exhibition scale, 87 points.

Glenview, exhibited by F. R. Pierson Company, Tarrytown, N. Y., before the Boston committee on November 3. Color red, bronze reverse; Japanese; scored 86 points, commercial scale, and 84 points, exhibition scale.

FRED H. LEMON, Sec'y.

SITUATIONS, WANTS, FOR SALE.**One Cent Per Word.**

Cash with the Adv.

Plant Ads. NOT admitted under this head.

Every paid subscriber to the AMERICAN FLORIST for the year 1904 is entitled to a five-line WANT ADV. (situations only) free, to be used at any time during the year.

Situation Wanted—A capable young woman position in a florist store. Would not object to place connected with glass. Best references. Box 82, care American Florist.

Situation Wanted—By a good all-around florist. Steady situation. Capable of taking charge of small place with chance to rent. Box 81, care American Florist.

Situation Wanted—By florist and gardener; private or commercial, age 35; 20 years' experience. South preferred. F. BOWNE, Box 247, Barrie, Ont.

Situation Wanted By practical florist; 25 years' experience growing fine roses, carnations, mums and general stock. Good designer. G. Florist, 47 Miami Avenue, Detroit, Mich.

Situation Wanted—American, 24 years of age, desires position as second man, private or commercial; 6 years' experience. References furnished. Box 83, care American Florist.

Situation Wanted—As head gardener on private place; 22 years' experience in all branches of gardening; age 41, married. Address GARDENER, care Florists' Exchange, 504 N. Utah St., Baltimore, Md.

Situation Wanted—By an up-to-date grower of all kind of greenhouse stock. Would like to take charge of a rose section or small commercial place. State wages without board. Box 79, care American Florist.

Situation Wanted—By a thoroughly practical florist; 20 years' experience growing roses, carnations and general stock; no bad habits; steady and reliable; good wages as foreman in private or commercial place. F. W. NORTH, 2544 N. 41st St., Chicago.

Situation Wanted—By Christian; married, 28 years' experience in all branches of gardening in this country and in Scotland. Good landscape gardener. Thoroughly competent in all branches. Have been with the Phelps Sanatorium up to close. Age 44. W. M. STEELE, 36 Grant St., Battle Creek, Mich.

Help Wanted—An active man for general cemetery work; one that is able to take charge. KOENIG FLORAL Co., St. Louis, Mo.

Help Wanted—Store assistant; a good reliable young man for first-class store. F. LAUTENSCHLAGER, care Am. Florist.

Help Wanted—Young men who have had experience in growing roses and carnations. W. K. PARTRIDGE, Station R, Cincinnati, O.

Help Wanted—A single florist for cut flowers and bedding plants. THE F. ELONDELL CO., Oak Park Ave. and Augusta St., Oak Park, Ill.

Help Wanted—\$20.00 to \$50.00 per week. See 3 1/2 inch adv. in another column. Address SPAULDING NURSERY AND ORCHARDS CO., Spaulding, Ill.

Help Wanted—A good, reliable young man; must be a good salesman and up-to-date in the floral work, for first-class retail store in Chicago. State references from last place. Address Box 58, care American Florist.

Help Wanted—Young lady for flower store; must be neat and active. Good home and steady employment to right party. Address with particulars Box 77, care American Florist.

Help Wanted—Bright, reliable, honest young man; one who has had some experience in a retail florist store and wants a steady position. To such we will pay a fair salary to start. Answer by mail only. Address OGDEN FLORAL Co., 848 Harrison St., Chicago.

Help Wanted—Thoroughly competent and experienced propagator, principally on roses and carnations. Must be capable of showing good results. State experience, where last employed and wages wanted. Address LAKE VIEW ROSE GARDENS, Jamestown, N. Y.

Help Wanted—For a first-class up-to-date retail florist store, Toronto; a young man who is ambitious, a good designer and salesman. Must be competent to take full charge, well educated and of good address. State salary expected, age and references. Address Box 78, care American Florist.

Help Wanted—Married gardener with family; must be a first-class plantsman who can take full charge of 10,000 feet of glass, devoted to growing for our retail store. Bedding, forcing and decorative plants; also bulbous stock. Must be able to plant all kinds of fancy plant arrangements. F. LAUTENSCHLAGER, care Am. Florist.

For Sale Cheap—Five small greenhouses, store and two-story flat building almost new, fine location. 545 119th St., West Pullman, Chicago.

For Sale—Horizontal tubular hot water boiler in first-class condition; 9 ft. 6 ins. long; 36 inches in diameter; nearly new Deane steam pump. J. W. DUNFORD, Clayton, Mo.

For Sale or Rent—Owing to death of proprietor, will sell or rent well established greenhouse property in thriving southern city. No competition. For particulars, address R. A. SCHNEIDER, 2962 Wabash Ave., Chicago.

For Sale—Greenhouse plant of 25,000 square feet of glass. Used for forcing vegetables, 50 acres of land, new stable, cottage and ice house. Situated on a beautiful sheet of water. Would sell as a whole, or half interest. Address Box 80, care American Florist.

For Sale or Lease—A first-class paying florist business; houses stocked with roses, carnations, decorative plants, etc. Offered only because the owner wishes to retire from business. Will bear close investigation. GEORGE T. EARLE, The City Greenhouses, Central Falls, R. I.

For Sale—Greenhouse property; established 27 years. 14 room 2 1/2 story almost new dwelling house with tower, all improvements, gas light. 1 1/2 acre good land, fruit and shade trees; 5 greenhouses, well stocked, hot-water heat. Center of City of Melrose, 7 miles to Boston; electric cars pass door, 3c fare. Wholesale and retail business. J. GLEIST, 84 Grove St., Melrose, Mass.

GOING OUT OF BUSINESS—

For Sale—25,000 feet of glass. All repainted and overhauled this season. 2 1/2 acres of land. Fruit, shade, evergreens, lawns, ornamental shrubs. New 12 room brick residence, flowing wells; located 5 miles from city in midst of suburban towns. Greenhouses can be bought with or without residence, with full stock now or by June 1st. Also city store. 22 years established business. Address C. CRAMER, Florist, Salt Lake City, Utah.

Situation Wanted.

An experienced florist wants position as working foreman or section man in an establishment where first-class cut flowers are required. 19 years' experience. Have grown first-class roses around Chicago. An experienced propagator of roses and carnations. Can furnish good references. Address Box 71, care American Florist.

FREE RENT SIX MONTHS.

Range 26,000 sq. ft. of glass. No stock. Not running. Or will sell low and on easy terms. For full particulars address

E. I. BARNETT, Reading, Pa.

PLEASE mention the AMERICAN FLORIST every time you write to an advertiser.

Hardy Cut Dagger and Fancy Ferns, Holly, Wild Smilax and Holiday Greens.



All quality, \$1.00 per 1000; discount on larger orders. NEW CROP SOUTHERN WILD SMILAX, best quality, 25 lb. case, \$3.50; 50 lb. case, \$7.00. BRILLIANT BROUZE and GREEN GALAX, \$1.00 per 1000.

We carry the finest and most complete line of Decorative Evergreens and Florist Supplies. Our specialties are Dagger and Fancy Ferns, All quality, \$1.00 per 1000. Brilliant Bronze and Green Galax, All quality, \$1.00 per 1000. Laurel Festooning, good and full, hand-made, 5c and 6c per yard. Green and Sphagnum Moss, \$1.00 per bbl. Sphagnum Moss, 50c per bag; 5 bags, \$2.00. Ivy Leaves, \$4.00 per 1000. Sprenger, 25c and 50c per bunch. Asp. Plumosus, 50c per bunch and 90c per string. Leucothoe Sprays, \$1.00 per 100; \$7.50 per 1000.

We also carry a full line of Florists' Supplies, such as Tin Foil, Wire (cut), Corrugated Boxes, all sizes, Folding Flower Boxes, Ribbon, all sizes and color, Koral Letters, Block Letters, Wire Designs, Cycas Leaves, etc., etc.

Our stock is of the best quality and at the most reasonable rates. Please write for price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.

Henry M. Robinson & Co., 8 and 11 Province St., Boston, Mass.

L. D. Telephone 2618 Main.

Wholesale Flower Markets

MILWAUKEE, Nov. 17.

| | |
|------------------------------|-------------|
| Roses, Beauty, long per doz. | 3.00 |
| " " med. " 1.50@ 2.00 | |
| " " short..... | 4.00@ 8.00 |
| " " Liberty..... | 2.00@ 8.00 |
| " " Chateau..... | 2.00@ 8.00 |
| " " Bride, Bridesmaids..... | 2.00@ 5.00 |
| " " Meteor, Golden Gate..... | 2.00@ 5.00 |
| " " Perle..... | 2.00@ 5.00 |
| Carnations..... | 1.00@ 3.00 |
| Smilax..... | 10.00@12.50 |
| Asparagus..... | 35.00@50.00 |
| Valley..... | 3.00@ 4.00 |
| Adiantum..... | 1.00 |
| Violets..... | .75@ 1.00 |
| Mums..... | 6.00@25.00 |
| Callas..... | 10.00@12.50 |

PITTSBURG Nov. 17.

| | |
|------------------------------|-------------|
| Roses, Beauty, specials..... | 20.00@25.00 |
| " " extras..... | 12.50@15.00 |
| " " No. 1..... | 8.00@10.00 |
| " " ordinary..... | 4.00@ 5.00 |
| " " Bride, Bridesmaid..... | 2.00@ 6.00 |
| " " Meteor..... | 2.00@ 6.00 |
| " " Liberties..... | 3.00@ 6.00 |
| " " Kaiserin..... | 2.00@ 6.00 |
| " " Perle, Chateau..... | 2.10@ 5.00 |
| Carnations..... | .50@ 2.50 |
| Lily of the valley..... | 3.00@ 4.00 |
| Smilax..... | 12.50@15.00 |
| Asparagus, strings..... | 25.00@50.00 |
| Asparagus Sprenger..... | 1.00@ 2.00 |
| Lilies..... | 12.00@15.00 |
| Chrysanthemums..... | 4.00@20.00 |
| Adiantum..... | 1.00@ 1.25 |
| Violets..... | .50@ 1.25 |
| Paper White Narcissus..... | 2.00@ 3.00 |
| Roman hyacinths..... | 1.00@ 3.00 |

CINCINNATI, Nov. 17.

| | |
|-------------------------------------------------|---------------|
| Roses, Beauty, 1.00@ 4.00 per doz. | |
| " " Bride, Bridesmaid..... | 3.00@ 6.00 |
| " " Liberty..... | 3.00@ 6.00 |
| " " Meteor, Golden Gate..... | 3.00@ 6.00 |
| Carnations..... | 1.00@ 4.00 |
| Lily of the valley..... | 3.00@ 4.00 |
| Asparagus..... | 50.00 |
| Smilax..... | 10.00@12.50 |
| Adiantum..... | 1.00@ 1.50 |
| Callas..... | 10.00 |
| Asparagus Plumosus and Sprenger in bunches..... | 25c per bunch |
| Chrysanthemums..... | 8.00@25.00 |

St. Louis, Nov. 17.

| | |
|--------------------------------|-------------|
| Roses, Beauty, long stem..... | 3.00@4.00 |
| " " Beauty, medium stem..... | 1.50@2.50 |
| " " Beauty, short stem..... | .75@1.00 |
| " " Bride, Bridesmaid..... | 4.00@ 6.00 |
| " " Golden Gate..... | 3.00@ 5.00 |
| " " Liberty..... | 4.00@ 8.00 |
| " " Kaiserin..... | 3.00@ 6.00 |
| " " Meteor..... | 3.00@ 4.00 |
| Carnations..... | 1.50@ 4.00 |
| Smilax..... | 15.00 |
| Asparagus Sprenger..... | 1.50@ 3.00 |
| " " Plumosus..... | 25.00@50.00 |
| Ferns, fancy, per 1000 \$1.75. | |
| Adiantum..... | 1.00@ 1.25 |
| Chrysanthemums, medium..... | 8.00@12.00 |
| " " large..... | 15.00@25.00 |
| Violets, California..... | .75@ 1.00 |
| " " Double..... | 1.50 |
| Lily of the valley..... | 4.00 |
| Alyssum..... | .20 |

CLEVELAND, Nov. 17.

| | |
|----------------------------|-------------|
| Roses, Beauty..... | 5.00@25.00 |
| " " Bride, Bridesmaid..... | 2.00@ 5.00 |
| " " Kaiserin..... | 3.00@ 8.00 |
| " " Meteor..... | 2.00@ 5.00 |
| Carnations..... | 1.00@ 2.00 |
| Smilax..... | 10.00@15.00 |
| Asparagus strings..... | 25.00@50.00 |
| " " Sprenger..... | 1.00@ 2.00 |
| Galax..... | 1.00@ 1.50 |
| Common ferns..... | 1.50 |
| Chrysanthemums..... | 6.00@15.00 |
| Violets, single..... | .50@ .75 |
| " " double..... | .75@ 1.00 |
| Paper White nar..... | 3.00@ 4.00 |

A Beautiful Decorative Evergreen for Christmas.

A Single Postal Request Will Bring You, Gratis, a Sample and Price.

PITTSBURG CUT FLOWER CO., Ltd.

PITTSBURG'S OLDEST WHOLESALE FLORISTS.

504 LIBERTY AVE.,

PITTSBURG, PA.

HOLTON & HUNKEL CO., -- Wholesale Cut Flowers --

457 Milwaukee Street.

MILWAUKEE, WIS.

J. M. McCullough's Sons Co. WHOLESALE FLORISTS

ALSO SUCCESSORS TO

THE CINCINNATI CUT FLOWER CO.

CONSIGNMENTS SOLICITED.

Special attention given to Shipping Orders.

316 WALNUT ST.

CINCINNATI, O.

Please mention the American Florist when writing.

Pittsburg Florists' Exchange, WHOLESALE FLORISTS

and Florists' Supplies.

228 Diamond St., PITTSBURG, PA.

Send for weekly price list and prices on large orders..

Please mention the American Florist when writing.

H.G. BERNING Wholesale Florist

1402 Pine St., ST. LOUIS, MO.

Please mention the American Florist when writing

C. A. KUEHN, Wholesale Florist,

1122 Pine St., ST. LOUIS, MO.

A Complete Line of Wire Designs.

Please mention the American Florist when writing.

Peter Weiland, WHOLESALE FLORIST,

Room 18, 128 E. Third St., CINCINNATI, O.

Headquarters for

American Beauties and all leading varieties of
Roses and Carnations.

Orders received and filled at Greenhouses if
desired, by addressing

PETER WEILAND, New Castle, Ind.

JOHN WOLF, Wholesale and Retail Florist, SAVANNAH, GA.

ESPECIALLY CONVENIENT FOR THE
SOUTHERN TRADE.

Largest Grower of VALLEY in the South,
also CARNATIONS, ROSES and BULB-
OUS FLOWERS.

Long Distance Telephone Connections.

J. B. MURDOCH & CO. WHOLESALE FLORISTS, FLORISTS' SUPPLIES.

545 Liberty Ave., PITTSBURG, PA.

Always mention the.....

American Florist

when you write to an advertiser.

WE ARE LOOKING FOR BUSINESS. We Want Your Trade.

WE ARE NOW SUPPLYING ALL GRADES OF
CHRYSANTHEMUMS, VERY FINE ROSES, CARNATIONS, VIOLETS and VALLEY
BESIDES GREEN STOCK.

Our
Specialties:

Wild Smilax which is just a little better than the other
fellow's constantly on hand. Prices:

| | | | |
|------------------------|--------|------------------------|--------|
| Case No. 1—15 lbs..... | \$2.00 | Case No. 4—35 lbs..... | \$4.00 |
| Case No. 2—20 lbs..... | 3.00 | Case No. 5—40 lbs..... | 4.50 |
| Case No. 3—30 lbs..... | 3.50 | Case No. 6—50 lbs..... | 5.00 |

Per 1000

FANCY FERNS, the very best.....\$1.50

GALAX, Bronze.....1.50

“ Green.....1.00

LEUCOTHOE SPRAYS.....per 100, 75c

J. B. Deamud,

51 Wabash Ave., WHOLESALE FLORIST. CHICAGO.

'Phones: Long Distance Central 3155. Automatic 9922.

E. C. AMLING

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

32, 34, 36 RANDOLPH ST.,
CHICAGO.

L. D. 'Phones Central 1978 and 1977.

Please mention the American Florist when writing.

Bassett & Washburn

76 & 78 Wabash Ave., CHICAGO.

Wholesale Dealers and
Growers of **Cut Flowers**
GREENHOUSES: HINSDALE, ILL.

D. WOOD BRANT,

SUCCESSOR TO BRANT & NOE FLORAL CO.

—Grower of—

CUT FLOWERS AT WHOLESALE.

Now offer Choicest American Beauty roses.
Prices reasonable.

Careful attention given shipping orders.

58-60 Wabash Ave., CHICAGO.

It is good business policy to mention

The....
AMERICAN FLORIST

When you write to an advertiser

MICHAEL Winandy

Wholesale Grower
and shipper of **CUT FLOWERS**

Room 218, 51 Wabash Ave., Atlas Block, Chicago.
Telephone Central 3284.

GEO. REINBERG,

Wholesale
Grower of **Cut Flowers**

CHOICE AMERICAN BEAUTIES.

We will take care of your orders at reason-
able prices. Prompt attention.

51 Wabash Ave., CHICAGO, ILL.

Wholesale Flower Markets

CHICAGO, Nov. 18.

| | |
|------------------------------------------|--------------------|
| Roses, Beauty, 30 to 36-in. stems | 5 00@ 6.00 |
| “ “ 20 to 24 “ | 3.00@ 4.00 |
| “ “ 15 to 18 “ | 1.50@ 2.50 |
| “ “ 12 “ | 1.00 |
| “ Liberty..... | 3.00@ 6.00 |
| “ extra select..... | 10.00@ 12.00 |
| “ Chateau..... | 4.00@ 8.00 |
| “ Bride, Bridesmaid..... | 4.00@ 8.00 |
| “ Meteor, Golden Gate..... | 4.00@ 8.00 |
| Carnations..... | 1.00@ 1.50 |
| “ fancy..... | 2.00@ 2.50 |
| Valley..... | 2.00@ 3.50 |
| Asparagus Plumosus, per string 40 to 50c | |
| “ sprays 2.00@6.00 | |
| “ Sprenger..... | 3.00@ 6.00 |
| Leucothoe Sprays..... | .75 |
| Galax Leaves, Bronze, per 1000, 1.25 | .15 |
| Green, “ “ | 1.00 |
| Adiantum..... | .75 |
| Fancy ferns...per 1000 | 1.00@ 1.50 |
| Smilax..... | 12.00@15.00 |
| Callas..... | 1.25@1.50 per doz. |
| Chrysanthemums, \$1.50@ \$3.00 per doz. | |
| Paper Whites..... | 3.00 |

J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and
Carnations
A Specialty.....

WHOLESALE
GROWER of

CUT FLOWERS

E. H. Hunt,

WHOLESALE

Cut Flowers

“THE OLD RELIABLE.”

76 Wabash Ave., ...CHICAGO.

Wild Smilax.

DO YOU KNOW THAT

VAUGHAN & SPERRY

Sell the very best quality
of **WILD SMILAX?**

| | |
|--------------------|--------|
| 20 pound case..... | \$3.00 |
| 35 pound case..... | 4.00 |
| 50 pound case..... | 5.00 |

There is none better, they get it fresh
every day. Don't forget the number

60 Wabash Av., CHICAGO.

WRITE FOR SPECIAL PRICES ON LARGE LOTS.

A. L. RANDALL CO.

Wholesale Florists.

19 & 21 Randolph St., CHICAGO.

Send for weekly price list and
special quotations on 1000 lots.

Flower Growers' Market.

60 Wabash Ave., CHICAGO.

Order your stock where it will be filled with
care and dispatch. The most successful growers
of cut flowers, are those who sell their own stock.
Give us your **standing order**.

PERCY JONES, Manager

LILY OF THE VALLEY

From cold storage, \$15.00 per 1000; case of
2,500, \$35.00; per 100, \$1.75.

FINEST CUT VALLEY IN QUANTITIES.

H. N. BRUNS,

1409-11 W. Madison St., CHICAGO.

Poehlmann Bros. Co.

Wholesale Growers of
and
Dealers in **Cut Flowers**

All telegraph and telephone orders
given prompt attention.

Greenhouses:
Marion Grove, Ill.

35-37
Randolph Street,
CHICAGO.

THE BENTHEY-COATSWORTH CO.

35 RANDOLPH ST.

WHOLESALE FLORISTS

CHICAGO.

The Leo Niessen Company

WHOLESALE FLORISTS

1217 Arch Street,

Store open from 7 A.
M. to 8 P. M.

PHILADELPHIA, PA.

The Cleveland Cut Flower Company,

WHOLESALE CUT FLOWERS, FLORISTS' SUPPLIES, WIRE DESIGNS.

52 and 54 High Street,

CLEVELAND, OHIO.

BOSTON, MASS.

WELCH BROS.

15 Province Street.

All Varieties FLOWERS in Season. FANCY and DAGGER FERNS.
FLORISTS' SUPPLIES all kinds.

Long Distance Telephone, 6268-6267 Main.

Asparagus Strings

8 feet, 50 cents.

WM. H. ELLIOTT, Brighton, Mass.

GEORGE COTSONAS & CO.,

Wholesale and Retail
Dealers in all kinds of

EVERGREENS.

Fancy and Dagger
Ferns, Bronze and
Green Galax.

Phone 1302 Mad. Sq.

MAIN STORE, 45 W. 29th St.,
BRANCH, 65 W. 28th St.,

NEW YORK.

Please mention the American Florist when writing

MOSS, GALAX, FERNS.

Celax, Bronze or Green \$1.00 per 1000
Ferns, Dagger or Fancy90 per 1000
Southern Smilax, large case \$6.00

CUT FLOWERS, FLORISTS' SUPPLIES.

H. L. MENAND, 34 Williams St., Albany, N. Y.
L. D. TELEPHONES.

FOR SOUTHERN WILD SMILAX

(Where quality is First Consideration)

Write, Wire or Phone the Introducers,

Caldwell The Woodsman Co., Evergreen, Ala.

New Crop Southern Wild Smilax
now ready in limited quantities.

THE KERVAN COMPANY,

WHOLESALE DEALERS.

All Decorating Evergreens, Celax,
Leucothoe, Mosses, Etc.

20 W. 27th Street, NEW YORK.

TELEPHONE 1519 MADISON SQ.

C. K. LEE, CASTLEBERRY, ALA.

Wild Smilax, Long Needle Pines.

Wire or write for prices.

ELECTROS...

For Catalogue Purposes.

WE have a large assortment of
strictly high-class halftones of
which we can supply electros suitable
for catalogue illustration. If you need
anything in this way, state your re-
quirements and we will submit proofs
of the illustrations in stock

Price for cash only 15 cents per square inch.

THE AMERICAN FLORIST CO.,
.....324 Dearborn St., CHICAGO.

Wholesale Flower Markets

BOSTON, Nov. 16.

| | |
|-------------------------------|-------------|
| Roses, Beauty, best..... | 15.00@25.00 |
| " " medium..... | 8.00@20.00 |
| " " culls..... | .50@ 4.00 |
| " Bride, Bridesmaid..... | 1.00@ 3.00 |
| " extra..... | 4.00@ 8.00 |
| " Liberty..... | .50@ 6.00 |
| Carnations..... | .50@ 1.00 |
| " Fancy..... | 1.00@ 2.00 |
| Lily of the valley..... | 3.00@ 4.00 |
| Smilax..... | 8.00@12.00 |
| Adiantum..... | .75@ 1.00 |
| Asparagus..... | 35.00@50.00 |
| Violets..... | .40@ .60 |
| Chrysanthemums, ordinary..... | 4.00@ 6.00 |
| " fancy..... | 8.00@12.00 |

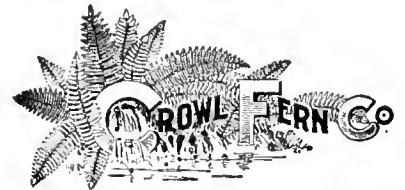
PHILADELPHIA, Nov. 16.

| | |
|-----------------------------------------|-------------|
| Roses, Tea..... | 3.00@ 5.00 |
| " extra..... | 6.00@ 8.00 |
| " Liberty..... | 6.00@10.00 |
| " Queen of Edgely, extra..... | 12.00@25.00 |
| " firsts..... | 8.00@12.00 |
| " Beauty, extra..... | 12.00@25.00 |
| " firsts..... | 8.00@12.00 |
| Carnations..... | 1.00@ 3.00 |
| Chrysanthemums, per doz., \$1@ \$4..... | 8.00@35.00 |
| Lily of the valley..... | 3.00@ 4.00 |
| Asparagus..... | 25.00@50.00 |
| Smilax..... | 12.00@15.00 |
| Violets, single..... | .25@ .50 |
| " double..... | .50@ 1.00 |
| Adiantum..... | 1.00@ 1.50 |
| Gardenias..... | .35@ .50 |
| Mignonne..... | 1.00@ 2.00 |

BUFFALO, Nov. 16.

| | |
|----------------------------------|-------------|
| Roses, Beauty..... | 8.00@30.00 |
| " Bride, Bridesmaid, Meteor..... | 1.00@ 8.00 |
| Carnations..... | 1.00@ 4.00 |
| Harrisii..... | 15.00 |
| Lily of the valley..... | 2.00@ 5.00 |
| Asparagus, strings..... | 40.00@50.00 |
| Smilax..... | 10.00@15.00 |
| Adiantum..... | .50@ 1.00 |
| Lilium Longiflorum..... | 15.00 |
| Chrysanthemums..... | 8.00@20.00 |
| Violets..... | .50@ .75 |

HARDY CUT FERNS.

Fancy or Dagger Ferns, 85c per 1000. Celax,
Brilliant Bronze or Green, 75c per 1000; \$6.50 per
case of 10,000. Laurel Festooning, hand-made,
full sizes, 4c, 5c and 6c per yd. Made fresh daily
from the woods. Send us your Thanksgiving
orders now and we will please you. Branch
Laurel, 35c per large bundle. Southern Wild
Smilax, \$5.50 per case, large size. Laurel Wreaths
and Princess Pine Wreaths, made all sizes and
prices. Princess Pine by the lb. and made into
roping. Tell us your wants and we will name
you prices.

Tel. Office, New Salem, Mass. Millington, Mass.

The Philadelphia Wholesale Flower Market.

1235-7 Filbert St., PHILADELPHIA.

Open from 7 A. M. to 6 P. M. Telephones.

GREEN AND BRONZE

Galax Leaves.

Fresh Gathered, \$3.00 for case of 5,000.

Cash with order.

HALL & JONES COMPANY,
BLOWING ROCK, NORTH CAROLINA

BEST ENGRAVINGS and ILLUSTRATIONS

—Of Every Description—

FOR CATALOGUES.

SEE OUR WORK IN THIS PAPER.

SEND FOR ESTIMATES.

GLOBE ENGRAVING and ELECTROTYPE CO.

407-427 Dearborn St., CHICAGO.

Please mention the American Florist when writing.

BERGER BROS. WHOLESALE FLORISTS.

Bell and Keystoke 'Phones.

1220 Filbert Street, PHILADELPHIA.

Please mention the American Florist when writing.

FLOWERS SHIPPED BY

JOHN I. RAYNORARE THE BEST PRODUCT OF THE BEST
GROWERS FOR THE NEW YORK MARKET.**Adiantum Croweanum**
Sold here Exclusively.49 W. 28th Street, NEW YORK.
Tel. 1998 Madison Square.**YOUNG & NUGENT**42 West 28th Street, **Wholesale Florists.**
Telephone 2095 Madison Sq.

CATTLEYS, GARDENIAS, ROSES, CARNATIONS and all seasonable novelties. With our long experience in shipping, and competent assistants in our packing department, we are in a position to guarantee out-of-town customers who place their orders with us that they will not be disappointed.

Walter F. Sheridan
Wholesale Florist,

Telephone 902 Madison Square.

39 West 28th St., NEW YORK

Telephone No. 758 Madison Square,

**MOORE, HENTZ & NASH**

Wholesale Commission Florists.

55 and 57 West 26th St. **NEW YORK CITY.**Advice or sale note daily. Statement and check weekly. All consignments, large or small, receive the same attention. **CORRESPONDENCE INVITED.****WHOLESALE WILLIAM GHORMLEY, COMMISSION**

Daily Receiver and Shipper of Fresh Cut Flowers.

Orchids, Roses, Carnations, Valley, Lilies, etc.

Telephones 2200 and 2201 Madison Square.

57 West 28th Street, **NEW YORK CITY.****JOHN YOUNG,**Special American Beauties,
Surpassing Carnations,
Lily of the Valley, Orchids
and all Seasonable Flowers.51 West 28th St., **NEW YORK.**
Telephone 1905 Madison Square.THE RECOGNIZED HEADQUARTERS IN
NEW YORK CITY FOR**Violets and Carnations**GROWERS and BUYERS make a note of this.
It will be to your advantage.**WM. H. GUNTHER,**
30 West 29th Street, **NEW YORK.**
Telephone 551 Madison Square.**THOMAS YOUNG, Jr.**
WHOLESALE FLORIST.**CHOICEST CUT FLOWERS.**
43 W. 28th St., **NEW YORK CITY.**THE RELIABLE
COMMISSION HOUSE**JOSEPH S. FENRICH**48 W. 30th Street, **NEW YORK.**
TEL. 325 MADISON SQ.**N. Y. CUT FLOWER EXCHANGE**Coogan Bldg. 6th Ave. and W. 26th St., New York.
Open for Cut Flower Sales at 6 o'clock
Every Morning.....DESIRABLE WALL SPACE TO RENT FOR
ADVERTISING.**JOHN DONALDSON,** Secretary.

Choice Carnations.

Selected Roses.

Traendly & Schenck

NEW YORK CITY,

44 W. 28th Street, Cut Flower Exchange.
New Telephone No. 798 & 799 Madison Sq.**Wholesale Flower Markets**

NEW YORK, Nov. 16

| | |
|------------------------------------|-------------|
| Roses, Beauty, best..... | 5.00@20.00 |
| " " medium..... | 1.00@ 4.00 |
| " " culls..... | .50@ 1.00 |
| " Liberty, best..... | 6.00@10.00 |
| " " medium..... | 2.00@ 5.00 |
| " " culls..... | .50@ 1.00 |
| " Bride, Bridesmaid, G. Gate..... | .50@ 5.00 |
| " Kaiserin, Carnot..... | .50@ 6.00 |
| Carnations..... | .50@ 2.00 |
| " fancy and novelties..... | 2.00@ 4.00 |
| Lily of the valley..... | 1.00@ 3.00 |
| Lilies..... | 4.00@ 6.00 |
| Smilax..... | 5.00@10.00 |
| Adiantum..... | .10@ .50 |
| Asparagus..... | 25.00@50.00 |
| Gardenias..... | 2.00@ 6.00 |
| Violets..... | .35@ .60 |
| Chrysanthemums, per doz., 50c@4.00 | |

Charles Millang**WHOLESALE FLORIST.**Conservatory connected from which I can ship
ferns and decorative plants promptly.50 W. 29th St. **NEW YORK.**
Tel. 3860 and 3861 Madison Square.It is good business policy
to mention the**American Florist**

.....when writing to an advertiser.

FORD BROS.

Receivers and Shippers of

Fresh Flowers111 West 30th St., **NEW YORK.**
Telephones 3870-3871 Madison So.

REPRESENTING EMINENT GROWERS.

Julius Lang53 West 30th Street, **NEW YORK.****COMMISSION DEALER in FLOWERS**

TELEPHONE 280 MADISON SQUARE

ALEX. J. GUTTMAN,

Wholesale Commission Florist,

All varieties of Cut Flowers in season
at right prices, and of the
BEST QUALITY.52 W. 29th Street, **NEW YORK CITY.**
Telephone 1664 and 1665 Madison Square.**THE
NEW YORK CUT FLOWER CO.**55 and 57 West 26th St.,
WHOLESALE FLORISTS.

Daily Reports.

Weekly Payments.

TELEPHONE
756 Madison Sq.**J. A. MILLANG,**
MANAGER**CARNATIONS My
Specialty.**

CONSIGNMENTS SOLICITED.

Prompt Payments.

Established 1891

Alfred H. Langjahr, 55 W. 28th St.
New York.

Telephone 3924 Madison Sq.

EDW. C. HORAN,

55 WEST 28TH STREET,

Telephone 421
Madison Square.

.....NEW YORK.

CUT FLOWERS AT WHOLESALE.

INTERNATIONAL FLOWER DELIVERY.

NEW YORK.

Steamer Gifts

Orders for flowers in any form carefully filled and delivered by special messenger on board any steamer on day of departure from New York.

THOS. YOUNG, JR.
43 W. 28th St., NEW YORK CITY.

Please mention the American Florist when writing.

SAN FRANCISCO.

TELEPHONE MAIN 1023.

SIEVERS & BOLAND,
Floral Artists,

33 Post Street, SAN FRANCISCO, CAL.

INDIANAPOLIS.

Bertermann Bros. Co.,
FLORISTS,

241 Massachusetts Ave., INDIANAPOLIS, IND.
Please mention the American Florist when writing.

ST. LOUIS.

Fred. C. Weber,
FLORIST,

4320-4328 Olive St., ST. LOUIS, MO.
Established 1873, L. Dist. Phone Lindell 196 M.

DENVER.

The Park
Floral Co.

J. A. VALENTINE, Pres., DENVER, COLO.

MILWAUKEE.

C. C. Pollworth Co.
MILWAUKEE, WIS.
Will take proper care of your orders in
WISCONSIN.

CHICAGO.

Established 1857.

The Geo. Wittbold Co.
1657 Buckingham Place, CHICAGO.
Growers and Importers. The oldest and leading
house in Central and Western United States.
Decorative plants a specialty. Mail and Wire
Orders Get Prompt attention.

Palmer's
BUFFALO,
N. Y.

PASSENGER STEAMSHIP MOVEMENTS.

| FROM | TO | STEAMER | *LINE | DAY | DUE ABOUT |
|---------------|-------------|--------------------|-------|----------------------------|-----------|
| New York..... | Liverpool | Lucania | 1 | Sat. Nov. 19, Noon. | Nov. 25 |
| New York..... | " | Umbria | 1 | Sat. Nov. 26, 7.30 a. m. | Dec. 2 |
| Montreal..... | " | Tunisian | 2 | Fri. Nov. 18. | Nov. 26 |
| Montreal..... | " | Pretorian | 2 | Tues. Nov. 22. | Nov. 31 |
| New York..... | Glaagow | Laurentian | 2 | Thur. Nov. 17, 11.00 a. m. | Nov. 27 |
| New York..... | " | Numidian | 2 | Thur. Nov. 24, Noon. | Dec. 3 |
| New York..... | Hamburg | Hamburg | 3 | Sat. Nov. 19, Noon. | Nov. 29 |
| New York..... | " | Pretoria | 3 | Sat. Nov. 26, 7.00 a. m. | Dec. 5 |
| New York..... | Copenhagen | Oscar II | 4 | Wed. Nov. 23, 2.00 p. m. | Dec. 1 |
| New York..... | Glasgow | Columbia | 4 | Sat. Nov. 19, 3.00 p. m. | Nov. 29 |
| New York..... | London | Maclouka | 6 | Sat. Nov. 19, 9.00 a. m. | Nov. 29 |
| New York..... | " | Minnetonka | 6 | Sat. Nov. 26, 7.30 a. m. | Dec. 5 |
| New York..... | Liverpool | Oceanic | 7 | Wed. Nov. 16, Noon. | Nov. 23 |
| New York..... | " | Majestic | 7 | Wed. Nov. 23, 10.00 a. m. | Nov. 30 |
| New York..... | Southampton | New York | 8 | Sat. Nov. 19, 9.30 a. m. | Nov. 25 |
| New York..... | " | St. Paul | 8 | Sat. Nov. 26, 9.30 a. m. | Dec. 1 |
| New York..... | Antwerp | Vaderland | 9 | Sat. Nov. 19, 10.30 a. m. | Nov. 27 |
| New York..... | " | Kronland | 9 | Sat. Nov. 26, 10.30 a. m. | Dec. 4 |
| New York..... | Havre | La Lorraine | 10 | Thur. Nov. 17, 10.00 a. m. | Nov. 26 |
| New York..... | " | La Gascogne | 10 | Thur. Nov. 24, 10.00 a. m. | Dec. 3 |
| New York..... | Rotterdam | Rotterdam | 11 | Wed. Nov. 16, 10.00 a. m. | Nov. 25 |
| New York..... | " | Ryndam | 11 | Wed. Nov. 23, 10.00 a. m. | Nov. 31 |
| New York..... | Genoa | Vincenzo | 12 | Wed. Nov. 16, 11.00 a. m. | Nov. 25 |
| New York..... | Bremen | K. Wil. Der Grosse | 13 | Tues. Nov. 22, 10.00 a. m. | Nov. 29 |
| Boston..... | Liverpool | Cestrian | 14 | Wed. Nov. 19, 4.00 p. m. | Nov. 26 |
| Boston..... | " | Devonian | 14 | Wed. Nov. 23, 9.30 a. m. | Dec. 2 |

*1 Cunard; 2 Allen-State; 3 Hamburg-American; 4 Scandinavian-American; Anchor Line.
6 Atlantic Transport; 7 White Star; 8 American; 9 Red Star; 10 French; 11 Holland-American;
12 Italian Royal Mail; 13 North German Lloyd; 14 Leyland; 15 Dominion.

DETROIT.

JOHN BREITMEYER'S
SONS

Cor. MIAMI and GRATIOT AVES.

DETROIT, MICH.

Artistic Designs.***
High Grade Cut Blooms.

We cover all Michigan points and good sections
of Ohio, Indiana and Canada.

Please mention the American Florist when writing.

CHICAGO.

P. J. HAUSWIRTH
Auditorium Annex,
CHICAGO.

Mail, telegraph or telephone orders filled
promptly in best style.

OMAHA.

HESS & SWOBODA,
FLORISTS,

1415 Farnam Street, OMAHA, NEB.
'Phone 1501 and L. 1682.

SHIPPING LABELS FOR

...Cut Flowers

Printed in two colors on gummed
paper; your card, etc., in black and
leaf adopted by the S. A. F. in red.
Very attractive. Price per 500,
\$2.85; per 1000, \$4.50. Send for samples.

ELECTRO OF THE LEAF, POSTPAID, \$1.25.

American Florist Co.,
CHICAGO.

NEW YORK.

LEIKENS

7 E. 33d St., Near
Waldorf-Astoria New York City.
Telephone No. 1417 Madison.

NURSERIES, RUTHERFORD, N. J.
Orders for Baskets, Boxes, Designs, Steam-
ers, Receptions, and from out-of-town Florists
will receive personal and careful attention. We
guarantee perfect satisfaction.

Please mention the American Florist when writing.

WASHINGTON.

Joseph R. Freeman,
FLORIST,

612 13th St. N.W., WASHINGTON, D. C.
Please mention the American Florist when writing

ST. PAUL.

HOLM & OLSON,
ST. PAUL.

THE LEADING FLORISTS OF THE N. W.
Orders will be well cared for anywhere in
Minnesota and the Dakotas.

Please mention the American Florist when writing

SPRINGFIELD.

Mark Aitken
FLORIST.

388 Main St., Springfield, Mass.
Please mention the American Florist when writing.

MILLS THE FLORIST,
36 W. Forsyth Street,
JACKSONVILLE, FLA.

Please mention the American Florist when writing.

INTERNATIONAL FLOWER DELIVERY.

STEAMSHIPS LEAVE FOREIGN PORTS.

| FROM | TO | STEAMER | *LINE | DAY | DUE ABOUT |
|-----------------|----------|-------------------|-------|---------------|-----------|
| Liverpool..... | New York | Campadia | 1 | Sat. Nov. 19 | Nov. 26 |
| Liverpool..... | " | Etruria | 1 | Sat. Nov. 26 | Dec. 2 |
| Hamburg..... | " | Bluecher | 3 | Sat. Nov. 19 | Nov. 23 |
| Hamburg..... | " | Belgravia | 3 | Sat. Nov. 26 | Dec. 5 |
| Copenhagen..... | " | Helig Olav | 4 | Wed. Nov. 16 | Nov. 26 |
| Copenhagen..... | " | Hekla | 4 | Wed. Nov. 23 | Dec. 1 |
| Liverpool..... | " | Baltic | 7 | Wed. Nov. 16 | Nov. 24 |
| Liverpool..... | " | Cedric | 7 | Wed. Nov. 23 | Nov. 30 |
| Southampton .. | " | Philadelphia | 8 | Sat. Nov. 19 | Nov. 26 |
| Antwerp..... | " | Finland | 9 | Sat. Nov. 23 | Dec. 4 |
| Havre..... | " | La Savoie | 10 | Sat. Nov. 19 | Nov. 30 |
| Havre..... | " | La Touraine | 10 | Sat. Nov. 26 | Dec. 3 |
| Rotterdam..... | " | Statendam | 11 | Sat. Nov. 19 | Nov. 28 |
| Rotterdam..... | " | Amsterdam | 11 | Sat. Nov. 26 | Dec. 4 |
| Genoa..... | " | Liguria | 12 | Tues. Nov. 22 | Dec. 7 |
| Bremen..... | " | Kaiser Wilhelm II | 13 | Tues. Nov. 22 | Nov. 29 |
| Genoa..... | " | Koenig Louise | 13 | Thur. Nov. 17 | |
| Liverpool..... | Boston | Bohemian | 14 | Sat. Nov. 19 | Nov. 31 |
| Liverpool..... | " | Canadian | 14 | Sat. Nov. 26 | Dec. 3 |

* See steamship list on opposite page.

Indianapolis Floral Co.

839 Ft. Wayne Avenue,

INDIANAPOLIS, IND.

WHOLESALE

Commission Florists.

ALL ORDERS PROMPTLY FILLED IN BEST POSSIBLE MANNER.

Coosignments Solicited. We are in position to give prompt and liberal returns on all consignments.

WANTED, Bulbs.

We want to buy in lots of 1,000 to 10,000 each the following: TULIPS, select mixtures, CROCUS, HYACINTHS, separate colors mixed, NARCISSUS, all kinds, LILIES.

R. C. HAYDEN, Sec'y and Treas.

WM. J. MUTH, Manager.

PHILADELPHIA CUT FLOWER CO.

(SUCCESSOR TO CHARLES F. EDGAR & CO.)

Wholesale Commission Florists

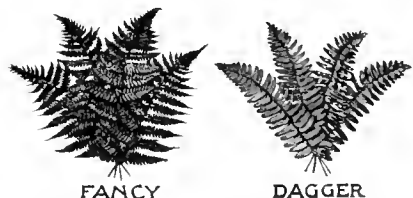
WE DAILY RECEIVE AND SHIP ALL THE

LEADING... VARIETIES of **CHRYSANTHEMUMS, ROSES, CARNATIONS** And Other Seasonable Flowers

1516-1518 Sansom Street,

Bell and Keystone Phones.
Open 7:30 a. m. to 8 p. m.

PHILADELPHIA, PA.



FANCY

DAGGER

Hardy Cut Ferns

First Quality, 75c per 1000.

ALSO DEALER IN

CHRISTMAS TREES, Baled Spruce for Cemetery Use, Bouquet Green, Sphagnum Moss, Etc.

L. B. BRAGUE, Hinsdale, Mass.

BOUQUET GREEN

Best quality at lowest rates. We gather our own **GREENS** and bring by our own boat direct. Also **CHRISTMAS TREES**.

Northern Michigan Evergreen Nursery,
SCHOONER GEO. L. WRENN, S. W. Cor. Clark St.
H. Schuenemann, Capt. Bridge CHICAGO.

Please mention the American Florist when writing

TEXAS MISTLETOE

FOR CHRISTMAS DECORATIONS. Absolutely the finest in the land. Heavy rich green foliage; fine large white berry. Keeps well for 60 days after cutting. Can ship in quantities from a crate to car lot. Large size crate sent to any address by express on receipt of \$1.00. Address,

WILLIAM ANDERSON,
Brownwood, Texas.

Please mention the American Florist when writing.

SPHAGNUM MOSS Clean and fresh shipment, direct from the swamp. 5 barrel bales, \$1.25; 3 bales, \$3.25; 5 bales, \$5.00;

H. R. AKERS, Chatsworth, N. J.

GALAX LEAVES AND Leucothoe Sprays.

J. G. LOVEN, Montezuma, N. C.

Please mention the American Florist when writing.

RICE BROTHERS

128 N. 6th St., MINNEAPOLIS, MINN.

Wholesale Cut Flowers and Supplies.

Wild Smilax | Flowers billed at Market Prices.
Shippers of choice Cut Flowers and Greens of all kinds. Try us.

It is good business policy
.....to mention the

American Florist

When you write to an advertiser.

CHAS. CHADWICK,

COR. FULTON & LAGRAVE,

Grand Rapids, Mich.

WHOLESALE and RETAIL FLORIST.

High-Grade Cut Blooms.

Carnations, Roses, 'Mums, Violets, Etc.

Choice American Beauties a Specialty.

Artistic Designs on Short Notice.

Good Shipping Facilities to all Michigan Points.

— A TRIAL ORDER SOLICITED. —

Please mention the American Florist when writing.

WEILAND AND RISCH

CHICAGO'S RELIABLE
Wholesale Growers and Shippers of

CUT FLOWERS,

59 Wabash Ave., CHICAGO.

SEND FOR WEEKLY PRICE LIST.

WHOLESALE FLORISTS

Please mention the American Florist when writing.

SINNER BROS.

Wholesale Growers and Shippers of **CUT FLOWERS**

58 WABASH AVENUE, CHICAGO, ILL.

With the Flower Growers' Co. Telephone—

Central 3007.

All telephone and telegraph orders given prompt attention.

Please mention the American Florist when writing.

The Seed Trade.

AMERICAN SEED TRADE ASSOCIATION.

Chas. N. Page, Des Moines, Ia., Pres.; L. L. May, St. Paul, Minn., First Vice-Pres.; C. E. Kendel, Cleveland, O., Sec'y and Treas. Twenty-third annual convention, June, 1905.

CORN crops, both sweet and field, are experiencing fine weather for drying and curing.

REPORTS from Delaware and Maryland holly districts agree that fancy stock is scarce.

THE Braslan Seed Growers Company has added several new lines of seeds to its list.

NEW YORK.—Robert Fulton, of Henry & Lee, has just returned from an extended trip to Japan.

THE free seed distribution has grown to \$290,000 worth and the first packages for the coming season were sent out last week.

BOTH Dreer and Michell made fine trade displays at the Philadelphia show, Michell's mushroom box being a great feature.

NEW YORK.—J. M. Thorburn & Company and W. Atlee Burpee & Company both made good showing of vegetables at the American Institute Herald Square exhibition last week.

THE first general seed catalogue for 1905, that of the Johnson & Musser Seed Co., was in the hands of the trade November 1.

CONRAD APPEL, of Darmstadt, Germany, has a very extensive and artistic exhibit of his seed and other specialties at the Dusseldorf exhibition.

EVANSVILLE, IND.—M. L. Johnson, of W. H. Small & Company, seedsmen, died in September. The firm will continue as heretofore.

PHILADELPHIA, PA.—Herbert W. Johnson, of Johnson & Stokes, is recovering from a rather protracted illness. Mr. Stokes is very busy with catalogue problems.

SHENANDOAH, IA.—The Western Seed Company is erecting a new warehouse, 42x130 feet, with a capacity of 7,000 bushels of corn and storage room for 2,000 bushels of seed in sacks.

CALIFORNIA crops, except of peas and beans, which are scarce, are in liberal supply, perhaps sufficient for two years' consumption. On account of rain the season has opened six weeks earlier than usual. Alfalfa is scarce and high in price.

ONION set prices at Chicago for from thirty-seven to forty pounds are about as follows: Whites, \$2; yellows and reds, \$1.50 to \$1.60. Louisville prices are reported to be on a basis of thirty-two pounds to the bushel; whites, \$1.70; reddish yellow, \$1.35.

BOUQUET GREEN picking is still being done in Wisconsin districts but is coming in more slowly owing to very cold and slightly snowy weather conditions. Picking is not likely to be stopped entirely, however, until heavier snowfalls occur. It is very difficult with the present outlook to predict future prices, but it is certain that not over sixty per cent of a supply has been secured.

VISITED ST. LOUIS: Robert Livingston, Columbus, O.; Robert George and wife, Painesville, O.; Leonard Vaughan, Chicago; Mrs. Charles P. Braslan, San Jose, Cal.; W. H. Buckbee and wife, Rockford, Ill.; Henry A. Salzer and wife, La Crosse, Wis.; H. Maas, of Werinck Seed Company, Milwaukee, Wis.

VISITED CHICAGO.—A. Dimmock, of Sander & Son, St. Albans, England; D. L. Sloan, Palo Alto, Cal.; L. L. May, St. Paul; S. Morris Jones, of the Conard & Jones Co., West Grove, Pa.; Mr. and Mrs. S. Cole, of Ventura Cal., returning from England; J. Ullathorne, of the Ullathorne Seed Company, Memphis, Tenn.; C. E. Kendel, Cleveland, Ohio.

British Adulteration of Seeds Act.

AUGUST 11, 1869.

WHEREAS, the practice of adulterating seeds, in fraud of Her Majesty's subjects, and to the great detriment of agriculture, requires to be repressed by more effectual laws than those which are now in force for that purpose:

Be it therefore enacted by the Queen's most Excellent Majesty, by and with the advice and consent of the Lords Spiritual and Temporal, and Commons, in this present Parliament assembled, and by the authority of the same, as follows:

1. This act may be cited as "The Adulteration of Seeds Act, 1869."

2. In this act—

The term "to kill seeds" means to destroy by artificial means the vitality or germinating power of such seeds:

The term "to dye seeds" means to give to seeds by any process of coloring, dyeing, sulphur smoking, or other artificial means, the appearance of seeds of another kind.

3. Every person who, with intent to defraud or to enable another person to defraud, does any of the following things, that is to say:

(1.) Kills or causes to be killed any seeds; or,

(2.) Dyes or causes to be dyed any seeds.

(3.) Sells or causes to be sold any killed or dyed seeds shall be punished as follows; that is to say,

(1.) For the first offense he shall be liable to a penalty not exceeding five pounds.

(2.) For the second and any subsequent offense he shall be liable to pay a penalty not exceeding fifty pounds.

Moreover, in every case of a second or any subsequent offense against this act it shall be lawful for the court, besides inflicting upon the person guilty of such offense the punishment directed by this act, to order the offender's name, occupation, place of abode, and place of business and particulars of his punishment under this act, to be published, at the expense of such offender, in such newspaper or newspapers, or in such other manner as the court may think fit to prescribe.

[Here follow details regarding enforcement.—Ed.]



Lettuce at Seed Time.

Carrot in Bloom.

VIEWS ON THE SEED FARMS OF W. J. FOSGATE, SANTA CLARA, CAL.



CHAS. P. BRASLAN

OF THE

**Braslan Seed Growers'
Company,**

SAN JOSE, CAL.

Started on his Annual Eastern Trip
November 20.

With an increased acreage and many new lines of California
Flower Seed not heretofore offered on contract.

JAPANESE PEAR SEED

Crop 1905.

Due December.

\$25.00 per 100 pounds.

**SEND ORDERS NOW FOR NURSERY STOCK FOR
SPRING DELIVERY.**

SUZUKI & IIDA,

31 Barclay St., NEW YORK.

The Nursery Trade

AMERICAN ASSOCIATION OF NURSERYMEN.

E. W. Kirkpatrick, McKinney, Tex., Pres.; C. L. Watrous, Des Moines, Ia., Vice-Pres.; George C. Seager, Rochester, N. Y., Sec'y. Thirtieth annual convention, West Baden Springs, Ind., June, 1905.

HARRISON'S NURSERIES at Berlin, Md., are using an effective button for advertising purposes.

AUGUSTA, GA.—The Tree and Park Commission will start a nursery. O. G. Lynch is president of the board.

ROSE Mme. Karl Druschki is said to be a very valuable white h. p., a good seller and a coming rose in the mail trade.

WE are informed in a recent publication that the alarm about the San Jose scale has passed. This is indeed news.

AUSTIN, TEX.—The Glendale Orchard Company has been chartered at Glendale, Trinity county, with a capital stock of \$50,000.

QUEENS, N. Y.—C. W. Ward is adding large quantities of fine imported specimens of nursery stock to his already excellent collection.

HILL & PORTER, the Dundee nurserymen, use Chicago street car advertising for trees, shrubs and nursery stock during their selling season.

THE Central Illinois Horticultural Society will meet at Champaign November 29 and 30. Programmes can be had from F. S. Phoenix, secretary, Bloomington.

THE Virginia State Horticultural Society expects the next meeting, to be held at Front Royal, Va., to be the best in its history. Sec., S. L. Lupton, Winchester, Va.

NURSERYMEN and landscape gardeners admit that the present season is one of the most favorable they have ever known for transplanting and shipping nursery stock.

HANKINSON, N. D.—W. W. Lilley and C. A. Chinberg have sold a one-half interest in their nursery to Wm. Strubel and Chas. Carman, and the name will be changed to the Hankinson Nursery Company.

NEW BEDFORD, MASS.—At the last meeting of the New Bedford Horticultural Society William Smith, the gardener of the commons, spoke on "The Proper Method of Planting and Pruning Trees and Shrubs."

TALLAHASSEE, FLA.—G. L. Tabor, proprietor of the Mount Tabor Nurseries, was in conference last week with the railroad commission for the purpose of securing a reduction in the freight rates on nursery stock.

WILHELM MILLER says that the establishment of the Arnold Arboretum resulted in the establishment of sixty-two million acres of forest reserves by the United States government, surely a wonderful result from an original endowment of only \$10,000.

FIVE apples of the Spokane Beauty, originated in Spokane, Wash., by Mr. — Jones, exhibited at the Horticulture building, World's Fair, in the Washington exhibit, weighed 184 ounces, an average of 36 4-5 ounces each. One weighed

40 ounces. The shape somewhat resembles Bellflower, the color darker than 20-ounce Pippin.

Trimming Carolina Poplars.

ED AM. FLORIST:—Will you please advise me in what manner Carolina poplars should be trimmed to arrive at the best result for shade and looks and at what time work should be done, fall or spring? The trees are three years old and were set November 1, 1904. W. A.

Cut off about one-third of the top just before growth starts in the spring and the desired results will be attained.—Ed.

The American Civic Association.

A reception will be tendered to the visiting officers of the American Civic Association (merger of American Park and Outdoor Art Association and American League for Civic Improvement) at the city club, 178 Madison street, Chicago, Thursday evening, December 1, at 8 o'clock. Short addresses will be given by President J. Horace McFarland, of Harrisburg, First Vice-President Clinton Rogers Woodruff, of Philadelphia, Frederick Law Olmsted, Jr., of Boston, and others. The Woman's Outdoor Art League (department of the association) extends a cordial invitation to attend the afternoon session at 2:30 in Fullerton hall, Art Institute. President McFarland will give an illustrated lecture on "Common Trees and Their Uncommon Flowers." Ms. Woodruff and Mr. Olmsted will speak at the same meeting.

Keene, N. H.

The tenth annual exhibit of the New Hampshire Horticultural Society was held at the armory Tuesday, Wednesday and Thursday, November 15, 16 and 17. Cash premiums from 50 cents to \$4 were offered on exhibits and specimens of fruits, vegetables and flowers. The exhibition was held under the general direction of President C. C. Shaw of the state society. The superintendent of the fruit department was George E. Poole; of the vegetable department, E. E. Rugg; of the plants and flowers, Mrs. E. E. Rugg, all of Keene.

Cincinnati.

The exhibition of chrysanthemums at the club rooms of the Florists' Club last Saturday was hardly up to the usual standard. True, there were some well done blooms displayed, particularly the vase of Dr. Enguehard, Timothy Eaton and Souvenir de Calvat Pere, from the E. G. Hill Company, and R. Witterstaetter's Appleton and white Bonnaillon were worthy of mention, but as a rule the blooms were not up to the quality shown in other years. The E. G. Hill Company showed single blooms of twenty-eight varieties which attracted a great deal of attention.

R. Witterstaetter showed Mrs. Chamberlain, Appleton, Bonnaillon, Chadwick, and many others. He also displayed nice vases of Lady Bountiful, Improved Enquirer, Enchantress and Cardinal carnations.

George & Allan showed a large mixed vase of chrysanthemums consisting of Golden Wedding, Lincoln and W. H. Smith and some extra fine valley. John Breitmeyer's Sons, Detroit, Mich., sent Adelia and Majestic. The Rosebank Company showed Mrs. Chamberlain and Silver Wedding.

The awards are as follows:

Best twelve white, first, John Breitmeyer's Sons with Adelia; second, George & Allan; third, E. G. Hill Company.

Best twelve pink, first, E. G. Hill Company with Dr. Enguehard; second, R. Witterstaetter; third, R. Witterstaetter.

Best twenty-five Bonnaillon, first, R. Witterstaetter; third, J. W. Rodgers.

Best general display, R. Witterstaetter.

About 5,000 people viewed the blooms during the afternoon and evening and a great deal of credit is due our genial secretary, George Murphy, for the splendid way he arranged the display and handled the crowds.

Nathan Smith & Son, of Adrian, Mich., last Saturday sent to the Cincinnati committee two varieties. Mlle. Anna Debono was the name of a very large bloom of a peculiar shade of color on a weak stem and a large bloom with the same weakness, for which variety they had not found a name up to the time of sending.

Trade is very good at present and a nice lot of stock to fill orders. American Beauty roses are growing scarcer and there are just enough Bride and Bridesmaid to go around. Violets, too, are in good demand, and the same may be said of lily of the valley. It seems as though the smaller chrysanthemums, which sell at from \$4 to \$6 per 100, have the call, the local public not caring to pay more than \$2 to \$3 per dozen. Carnations are improving in quality and the best are bringing \$4 per 100. George & Allan sent in the first Romans this week and they were exceptionally fine. Green goods are plentiful.

Mr. Shepherd, representing the E. G. Hill Company, Richmond, Ind., was a caller last Saturday.

A. O.

LAKE GENEVA, WIS.—J. J. Mitchell has things in tip-top condition at his greenhouse. A. F. Smith is the head gardener.

CANANDAIGUA, N. Y.—The Canandaigua Florists' and Gardeners' Society will hold its second annual exhibition in the town hall on November 15 and 16. Prizes are offered both for professional and amateur growers, as there are seventy-eight classes for the professionals and thirty-eight for the amateur.

HOW TO EARN \$20 to \$50 PER WEEK.

This is an advertisement but is worthy of your careful consideration, as it is a bonafide offer to the readers of the AMERICAN FLORIST for their services this winter—whole or part time.

If you mean business it will pay you to write to the Spaulding Company and get their proposition. Whether you are experienced in their line or not they will outfit you free and instruct you fully each week, so that you will positively make as much as stated above, in cash, and in addition thereto will receive many premiums, not cheap, trashy things but useful and valuable articles which they send their salesmen free, from time to time, by way of appreciation and encouragement.

Working for them is not like representing an ordinary nursery concern, for they are nurserymen of national reputation and can be depended upon to fulfill all agreements with salesmen and customers. They will make life easy and prosperous for you if you give them the chance.

Write them to-day for full particulars.

—ADDRESS—

SPAULDING NURSERY & ORCHARD CO.,
SPAULDING, ILL.

DREER'S HARDY PERENNIALS.

During the past season we have considerably extended our stock of Hardy Perennials, which is now not only the most extensive and most complete in the country, but in better condition than ever before.

FOR A MORE COMPLETE LIST SEE OUR CURRENT WHOLESALE LIST.

| | Doz. | 100 |
|---------------------------------------------------------------------------------------------------------------------------|--------|---------|
| <i>Acanthus Latifolius</i> , 4-in. pots | \$2.00 | \$15.00 |
| Mollis, 4-in. pots | 2.00 | 15.00 |
| <i>Aconitum Fieberi</i> , strong | 1.25 | 10.00 |
| Nepellus, strong | 1.25 | 10.00 |
| Autumnale, strong | 1.25 | 10.00 |
| <i>Achillea Filipendula</i> , strong divisions | .75 | 6.00 |
| <i>Millefolium Roseum</i> , 3-in. pots | .75 | 5.00 |
| "The Pearl," 3-in. pots | .75 | 5.00 |
| <i>Eupatorium</i> , strong divisions | 1.00 | 8.00 |
| <i>Adonis Pyrenaica</i> , strong | 1.50 | 12.00 |
| Vernalis, strong | 1.00 | 8.00 |
| <i>Aluga Genevensis</i> , strong divisions | .75 | 6.00 |
| Reptans Variegata, strong divisions | 1.00 | 8.00 |
| <i>Alyssum Saxatile Compactum</i> , 3-in. pots | .75 | 6.00 |
| <i>Amsonia Tabernaemontana</i> , strong | 1.25 | 10.00 |
| <i>Anchusa Italica</i> , field-grown | .75 | 6.00 |
| <i>Anemone Japonica</i> . The following varieties can be supplied at 75 cents per doz.; \$6.00 per 100; \$50.00 per 1000: | | |
| <i>Japonica Alba</i> , Lady Ardilaun, Queen Charlotte and Whirlwind | | |
| <i>Pennsylvanica</i> , 3-in. pots | \$0.75 | \$ 5.00 |
| <i>Sylvestris</i> , 3-in. pots | .75 | 6.00 |
| <i>Sylvestris Eliza Feltman</i> , (new) 3-in. pots | 1.51 | 12.00 |
| <i>Aquilegia Chrysantha</i> , 4-in. pots | .75 | 6.00 |
| <i>Caryophyllodes</i> , 4-in. pots | .75 | 6.00 |
| <i>Canadensis</i> , 3-in. pots | .75 | 5.00 |
| <i>Nivea Grandiflora</i> , 4-in. pots | .75 | 6.00 |
| <i>Skinneri</i> , 4-in. pots | .75 | 6.00 |
| <i>Vulgaris</i> , 4-in. pots | .75 | 6.00 |
| "fl. pl. 4-in. pots | .75 | 6.00 |
| <i>Arabis Alpina</i> , 3-in. pots | .60 | 5.00 |
| <i>Alpina fl. plena</i> , field-grown | 1.00 | 8.00 |
| <i>Arenaria Balearica</i> , 3-in. pots | 1.00 | 8.00 |
| <i>Armeria Maritima Splendens</i> , 3-in. pots | .75 | 6.00 |
| <i>Maritima Alba</i> , field-grown, 3-in. pots | .75 | 6.00 |
| <i>Artemisia Abrotanum</i> , strong | .75 | 6.00 |
| <i>Purshiana</i> , strong | .75 | 6.00 |
| <i>Stellaria</i> , strong | .75 | 6.00 |
| <i>Asclepias Tuberosa</i> , strong | .75 | 6.00 |
| <i>Aubretia Hendersoni</i> | 1.25 | 10.00 |
| <i>Leichtlini</i> | 1.25 | 10.00 |
| <i>Græca</i> | 1.25 | 10.00 |

HARDY ALPINE ASTERS.

| | Doz. | 100 |
|-------------------------------|--------|--------|
| <i>Alpinus</i> , 3-in. pots | \$0.75 | \$6.00 |
| <i>Speciosus</i> , 3-in. pots | .75 | 6.00 |
| <i>Superbus</i> , 3-in. pots | .75 | 6.00 |
| <i>Albus</i> , 3-in. pots | .75 | 6.00 |

HARDY ASTERS. (Michaelmas Daisies.)

| | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <i>Amellus Elegans</i> . Very large. Light blue. 18-in. Amethystinus. Large amethyst blue. 3-ft. Delight. Very free. Light rose lilac. 4 ft. F.W. Burbridge. Bright rose lilac. Large size. 3½ ft. Formosissima. Deep lilac, shaded purple. 3 ft. Horizontalis. Small, rose lilac flowers. Lavis. Light blue. 4 ft. Madonna. An early free flowering white. 3 ft. Mme. Soyneuse. Bright, rosy lilac. 15 in. Mrs. F. W. Raynor. Light purplish crimson. 3 ft. Novæ Angliæ. Large bluish purple. 3 ft. Novæ Angliæ Roosa. Bright rose color. 4 ft. Robert Parker. A fine lavender blue. 4 ft. Snowflake. Pure white. 2½ ft. Thos. S. Ware. Large, light rosy lilac. 3½ ft. Turbinellus. Pale lavender. Large. 3 ft. White Queen. Large white. 3½ ft. Strong divisions. \$1.00 per doz.; \$8.00 per 100. | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|

| | Doz. | 100 |
|----------------------------------------------------|--------|---------|
| <i>Baptisia Australis</i> , field plants | \$0.75 | \$ 6.00 |
| <i>Tinctoria</i> , field plants | .75 | 6.00 |
| <i>Bellis Perennis</i> , (English Daisy) | .30 | 2.00 |
| <i>Bocconia Cordata</i> , strong divisions | .75 | 6.00 |
| <i>Boltonia Asteroides</i> , strong divisions | .75 | 6.00 |
| <i>Latisquama</i> , strong divisions | .75 | 6.00 |
| <i>Campanula Alliarifolia</i> , strong plants | 1.00 | 8.00 |
| <i>Carpatica</i> , blue; strong plants | 1.00 | 8.00 |
| <i>Carpatica Alba</i> , strong plants | 1.00 | 8.00 |
| <i>Glomerata</i> , strong divisions | 1.00 | 8.00 |
| <i>Glomerata Alba</i> , strong divisions | 1.00 | 8.00 |
| <i>Grandis</i> , strong plants | 1.00 | 8.00 |
| <i>Groszeki</i> , strong divisions | .75 | 6.00 |
| <i>Latifolia Macrantha</i> , strong plants | 1.00 | 8.00 |
| <i>Punctata</i> , strong plants | 1.00 | 8.00 |
| <i>Persicifolia</i> , heavy 4-in. pots | .75 | 6.00 |
| <i>Persicifolia Blackbousei</i> , heavy 4-in. pots | .75 | 6.00 |
| <i>Pyramidalis</i> , strong 1-year field-grown | 1.00 | 8.00 |
| <i>Trachelium</i> , strong plants | 1.00 | 8.00 |
| <i>Caryopteris Mastacanthus</i> , 3-in. pots | .75 | 6.00 |
| <i>Cassia Marilandica</i> , strong 1-year plants | .75 | 6.00 |
| <i>Catananche Bicolor</i> , strong plants | 1.25 | 10.00 |
| <i>Centaurea Ruberica</i> , strong plants | 1.25 | 10.00 |
| <i>Glaucifolia</i> , strong plants | 1.25 | 10.00 |
| <i>Hirta Nigra Variegata</i> , divisions | .75 | 6.00 |
| <i>Montana</i> , strong divisions | 1.00 | 8.00 |
| <i>Montana Lady Hastings</i> , strong divisions | 1.00 | 8.00 |
| <i>Montana Rubra</i> , strong divisions | 1.00 | 8.00 |
| <i>Montana Violette</i> , strong divisions | 1.00 | 8.00 |
| <i>Cephalaria Alpina</i> , strong plants | 1.00 | 8.00 |
| <i>Cephalaria Tartarica</i> , strong plants | 1.00 | 8.00 |
| <i>Cerastium Tomentosum</i> , 3-in. pots | .75 | 6.00 |
| <i>Chelone Lyonii</i> , strong plants | 1.00 | 8.00 |
| <i>Glabra</i> , strong plants | 1.00 | 8.00 |
| <i>Obliqua Alba</i> , strong divisions | 2.00 | 15.00 |

| | Doz. | 100 |
|---------------------------------------------------------------|------|-------|
| <i>Chrysanthemum Maximum Triumph</i> , strong 4-in. pots | .75 | 6.00 |
| <i>Maximum Filiformis</i> , strong divisions | .75 | 6.00 |
| <i>Nipponicum</i> , strong plants | 1.00 | 8.00 |
| <i>Cimicifuga Acerina</i> or <i>Japonica</i> , strong plants | 2.00 | 15.00 |
| <i>Daburica</i> , strong plants | 2.00 | 15.00 |
| <i>Racemosa</i> | 1.00 | 8.00 |
| <i>Clematis Davidiana</i> , 1-year-old | .75 | 6.00 |
| <i>Integrifolia</i> , strong plants | 1.00 | 8.00 |
| <i>Recta</i> , 2-year-old | 1.00 | 8.00 |
| <i>Coreopsis Lanceolata</i> , heavy 4-in. pots | .60 | 4.00 |
| <i>Delphinium Chitense</i> , 1-year seedlings | .75 | 5.00 |
| <i>Chitense Alba</i> , 1-year seedlings | .75 | 5.00 |
| <i>Formosum</i> , 1-year seedlings | .75 | 6.00 |
| <i>Hybridum</i> , 1-year seedlings | .75 | 6.00 |
| <i>Sulphureum</i> , 2-year-old combs | 1.50 | 12.00 |
| <i>Dianthus Barbatus</i> , (Sweet William) | .50 | 4.00 |
| <i>Napoleon III</i> , 4-n. pots | 1.50 | 10.00 |
| <i>Plumarius</i> , (See Hardy Pinks) | | |
| <i>Dictamnus Fraxinella</i> , pink 2-year-old | 1.00 | 8.00 |
| <i>Fraxinella Alba</i> , 2-year-old | 1.25 | 10.00 |
| <i>Digitalis Gloxiniflora</i> , strong 4-in. pots | .75 | 6.00 |
| <i>Grandiflora</i> , strong 4-in. pots | .75 | 6.00 |
| <i>Lanata</i> , strong 4-in. pots | .75 | 6.00 |
| <i>Dielytra Spectabilis</i> , strong clumps | .75 | 6.00 |
| <i>Formosa</i> , strong clumps | 1.00 | 8.00 |
| <i>Doronicum Austriacum</i> , divisions | 1.00 | 8.00 |
| <i>Excelsum</i> , divisions | 1.00 | 8.00 |
| <i>Echinops Ritro</i> , strong plants | 1.00 | 8.00 |
| <i>Sphaerocephalus</i> , strong plants | 1.00 | 8.00 |
| <i>Epimedium Lilacea</i> , lilac | 1.50 | 12.00 |
| <i>Musehianum</i> , creamy white | 1.50 | 12.00 |
| <i>Niveum</i> , pure white | 1.50 | 12.00 |
| <i>Sulphureum</i> , light yellow | 1.50 | 12.00 |
| <i>Erigeron Glaucus</i> , strong plants | .75 | 6.00 |
| <i>Glabella</i> , strong plants | .75 | 6.00 |
| <i>Ceruleus Speciosus</i> , strong plants | .75 | 6.00 |
| <i>Eryngium Amethystinum</i> , strong plants | 1.50 | 12.00 |
| <i>Agavefolium</i> , 4-in. pots | 1.25 | 10.00 |
| <i>Maritimum</i> , strong plants | 1.50 | 12.00 |
| <i>Planum</i> , strong plants | 1.00 | 8.00 |
| <i>Yuccaefolium</i> , strong clumps | 1.00 | 8.00 |
| <i>Eupatorium Cælestium</i> , 3-in. pots | .75 | 6.00 |
| <i>Ageratoides</i> , strong plants | .75 | 6.00 |
| <i>Purpureum</i> , strong plants | .60 | 4.00 |
| <i>Serotinum</i> , strong plants | .75 | 6.00 |
| <i>Euphorbia Corolata</i> , 3-in. pots | .60 | 4.00 |
| <i>Funkia Cærulea</i> , (Blue Day Lily) | .61 | 4.00 |
| <i>Glaucia</i> | 1.00 | 8.00 |
| <i>Subcordata Grandiflora</i> , (White Day Lily) | .75 | 6.00 |
| <i>Undulata Media Picta</i> , (Variegated Day Lily) | .75 | 6.00 |
| <i>Thos. Hogg</i> | .75 | 6.00 |
| <i>Gaillardia Grandiflora</i> , 4-in. pots | .75 | 6.00 |
| <i>Gaillardia Officinalis</i> , strong plants | 1.00 | 8.00 |
| <i>Alba</i> , strong plants | 1.00 | 8.00 |
| <i>Geranium Sanguineum</i> , strong divisions | .75 | 6.00 |
| <i>Sanguineum Album</i> , strong divisions | .75 | 6.00 |
| <i>Geranium Atrosanguineum</i> , fl. pl. | .75 | 6.00 |
| <i>Heldreichii</i> | .75 | 6.00 |
| <i>Montanum</i> | .75 | 6.00 |
| <i>Glechoma</i> , (Nepeta) Variegata | .75 | 6.00 |
| <i>Gillenia Trifoliata</i> , strong plants | 1.00 | 8.00 |
| <i>Gypsophila Paniculata</i> | .75 | 6.00 |
| <i>Acutifolia</i> | 1.25 | 10.00 |
| <i>Cerastoides</i> | .75 | 6.00 |
| <i>Repans</i> , 3-in. pots | 1.00 | 8.00 |
| <i>Helenium Autumale Superba</i> , strong divisions | 1.00 | 8.00 |
| <i>Bolanderi</i> , strong divisions | 1.00 | 8.00 |
| <i>Grandcephalum Striatum</i> , strong divisions | .75 | 6.00 |
| <i>Hoopeii</i> , strong plants | .75 | 6.00 |
| <i>Helianthus Davidiana</i> , strong divisions | .75 | 6.00 |
| <i>Meteor</i> , strong divisions | .75 | 6.00 |
| <i>Multiflorus</i> , fl. pl., strong divisions | .75 | 6.00 |
| <i>Multiflorus Maximus</i> , strong divisions | .75 | 6.00 |
| <i>Maximiliana</i> , strong divisions | .75 | 6.00 |
| <i>Miss Melish</i> , strong divisions | .75 | 6.00 |
| <i>Mollis</i> , strong divisions | .75 | 6.00 |
| <i>Orgyalis</i> , strong divisions | .75 | 6.00 |
| <i>Rigidus</i> , strong divisions | .75 | 6.00 |
| <i>Soleil d'Or</i> , strong divisions | .75 | 6.00 |
| <i>Tomentosus</i> , strong divisions | .75 | 6.00 |
| <i>Wolley Dodd</i> , strong divisions | .75 | 6.00 |
| <i>Heliosis Pithcherianus</i> , strong divisions | .75 | 6.00 |
| <i>Scaber Major</i> , strong plants | .75 | 6.00 |
| <i>Hemerocallis Aurantica Major</i> , strong divisions | 3.50 | 25.00 |
| <i>Dumortieri</i> , strong divisions | .75 | 6.00 |
| <i>Flava</i> (Yellow Day Lily) strong divisions | .60 | 4.00 |
| <i>Florham</i> (New) strong divisions | 3.50 | 25.00 |
| <i>Pulva</i> (Tawny Day Lily) strong divisions | .60 | 4.00 |
| <i>Kwanso</i> , fl. pl. (Double Orange Lily) strong divisions | .60 | 4.00 |
| <i>Middendorffii</i> , strong divisions | .75 | 6.00 |
| <i>Thunbergii</i> , strong divisions | .75 | 6.00 |
| <i>Hibiscus Moscheutos</i> , strong | .75 | 6.00 |
| <i>Moscheutos</i> , "Crimson Eye," strong | .75 | 6.00 |
| <i>Militaris</i> , strong 2-year-old | .75 | 6.00 |
| <i>Hepatica Angulosa</i> , 3-in. pots | 1.00 | 8.00 |
| <i>Triloba</i> , 3-in. pots | .75 | 6.00 |
| <i>Hesperis Matronalis</i> (Rocket) strong plants | .75 | 6.00 |
| <i>Hieracium Aurantiacum</i> , 3-in. pots | .75 | 6.00 |

| | Doz. | 100 |
|--------------------------------------------------------------------------------|------|-------|
| <i>Hypericum Moserianum</i> , strong 1-year-old | 1.00 | 8.00 |
| <i>Hollyhocks</i> , strong 1-year-old plants | | |
| Double White, Red, Pink, Yellow, Salmon, Maroon | 1.50 | 10.00 |
| Allegheny | 1.00 | 8.00 |
| Single Choice Mixed | 1.00 | 8.00 |
| <i>Iberis Sempervirens</i> , strong plants | .75 | 5.00 |
| <i>Incarnvillea Delavayi</i> , strong roots | 1.50 | 10.00 |
| <i>Iris Kämpferi</i> , 24 varieties | 1.50 | 10.00 |
| <i>Iris Kämpferi</i> , choice mixed | 1.00 | 8.00 |
| <i>Iris Germanica</i> , 12 varieties | .75 | 6.00 |
| <i>Iris Germanica</i> , choice mixed | .60 | 4.00 |
| <i>Iris Sibirica Orientalis</i> , strong divisions | 1.00 | 8.00 |
| <i>Iris Pseudo Acorus</i> , strong divisions | 1.00 | 8.00 |
| <i>Liatris Pycnostachia</i> , 1-year-old roots | .75 | 6.00 |
| <i>Scariosa</i> , 1-year-old roots | .75 | 6.00 |
| <i>Spirata</i> , 1-year-old roots | .75 | 6.00 |
| <i>Graminefolia</i> , 1-year-old roots | .75 | 6.00 |
| <i>Lavendula Vera</i> (Lavender) 3-in. pots | .75 | 6.00 |
| <i>Linum Perenne</i> , 1-year-old seedlings | .75 | 6.00 |
| <i>Alba</i> 1-year-old seedlings | .75 | 6.00 |
| <i>Liodeloba Longifolia</i> , strong divisions | 1.25 | 10.00 |
| <i>Lithospermum Cælestium</i> | 1.25 | 10.00 |
| <i>Lobelia Cardinalis</i> , strong | .75 | 6.00 |
| <i>Lysimachia Clethroides</i> , strong divisions | .75 | 6.00 |
| <i>Ciliata</i> , strong plants | .75 | 6.00 |
| <i>Nymularia</i> | .50 | 4.00 |
| <i>Nymularia Aurea</i> | .75 | 6.00 |
| <i>Punctata</i> , strong divisions | .75 | 6.00 |
| <i>Lychnis Roseum Superbum</i> , strong | 1.00 | 8.00 |
| <i>Lychnis Alpina</i> , strong plants | .75 | 6.00 |
| <i>Lychnis Alpina Alba</i> , strong plants | .75 | 6.00 |
| <i>Haageana</i> , 3-in. pots | .75 | 6.00 |
| <i>Chalcedonica</i> (Red Maltese Cross) | .75 | 6.00 |
| <i>Alba</i> (White Maltese Cross) | .75 | 6.00 |
| <i>Carnea</i> (Pink Maltese Cross) | .75 | 6.00 |
| <i>Viscaria Double Red</i> , clumps | 1.25 | 10.00 |
| <i>Lotus Corniculatus</i> , strong divisions | 1.25 | 10.00 |
| <i>Mertensia Virginica</i> , strong roots | 1.00 | 8.00 |
| <i>Mentha Piperita</i> , 3-in. pots | .50 | 4.00 |
| <i>Variegata</i> , 3-in. pots | 1.00 | 8.00 |
| <i>Monarda Didyma</i> , 3-in. pots | .75 | 6.00 |
| <i>Rosea</i> , 3-in. pots | .75 | 6.00 |
| <i>Splendens</i> , 3 in. pots | .75 | 6.00 |
| <i>Fistulosa Alba</i> , clumps | .75 | 6.00 |
| <i>Myosotis Palustris Sempervirens</i> | .60 | 4.00 |
| <i>Alpestris Robusta Grandiflora</i> | .50 | 3.00 |
| <i>Eurotia Fraseri</i> , strong plants | 1.00 | 8.00 |
| <i>Frutescens</i> , strong plants | 1.00 | 8.00 |
| <i>Missouriensis</i> , 3-in. pots | .75 | 6.00 |
| <i>Pilgrimi</i> , strong plants | 1.00 | 8.00 |
| <i>Speciosus</i> , strong plants | 1.00 | 8.00 |
| <i>Youngi</i> , strong plants | 1.00 | 8.00 |
| <i>Papaver Orientalis</i> , (The Oriental Poppy) A choice strain, strong roots | .75 | 6.00 |
| <i>Nudicaule</i> (Iceland Poppy), strong | .65 | 5.00 |
| <i>Pardanthus Sinensis</i> , strong divisions | .50 | 4.00 |
| <i>Pæonias</i> , double herbaceous, 50 vars | 2.00 | 15.00 |
| <i>Pæonias</i> , double white, mixed | 1.50 | 12.00 |
| <i>Pæonias</i> , double red mixed | .75 | 6.00 |
| <i>Pæonias</i> , double pink, mixed | .75 | 6.00 |
| <i>Pæonias</i> , double, all colors mixed | .75 | 6.00 |
| <i>Pentstemon Barbatus Torreyi</i> , strong | 1.00 | 8.00 |
| <i>Diffusus</i> , strong plants | .75 | 6.00 |
| <i>Digifolia</i> , strong plants | .75 | 6.00 |
| <i>Glaber Hybridus</i> , strong plants | 1.25 | 10.00 |
| <i>Grandiflorus</i> , strong plants | 1.25 | 10.00 |
| <i>Heterophyllus</i> , strong plants | 1.00 | 8.00 |
| <i>Gentianoides</i> , 3-in. pots | .75 | 6.00 |
| <i>Pubescens</i> , strong plants | 1.00 | 8.00 |
| <i>Smallii</i> , strong plants | 1.00 | 8.00 |
| <i>Petasites Japonicus Giganteus</i> , strong | 1.25 | 10.00 |
| <i>Phlox</i> , Hardy Perennial, 25 choice varieties, 1-year field-grown | .75 | 5.00 |
| <i>Physostegia Virginica</i> , strong divisions | .75 | 6.00 |
| <i>Virginica Alba</i> , divisions | .75 | 6.00 |
| <i>Denticulata</i> , strong divisions | .75 | 6.00 |
| <i>Pinks</i> , hardy garden, in 8 choice vars. | .75 | 6.00 |
| <i>Platycodon Mariæi</i> , 2-yr-old roots | .75 | 6.00 |
| <i>Grandiflorum</i> , blue, 2-yr-old roots | .75 | 6.00 |
| <i>Album</i> , white, 2-yr-old roots | .75 | 6.00 |
| <i>Polygonum Cuspidatum</i> , strong | 1.25 | 10.00 |
| <i>Compactum</i> , strong plants | 1.00 | 8.00 |
| <i>Potentilla Phoenix</i> , strong divisions | 1.00 | 8.00 |
| <i>Polemonium Cæruleum</i> , strong | .75 | 6.00 |
| <i>Richardsoni</i> , strong divisions | .75 | 6.00 |
| <i>Alba</i> , strong divisions | .75 | 6.00 |
| <i>Repans</i> | .75 | 6.00 |
| <i>Stokesia Cyanea</i> , strong plants | 1.00 | 8.00 |
| <i>Thalictrum Aquilegifolium Album</i> | 1.50 | 12.00 |
| <i>Aquilegifolium Atropurpureum</i> | 1.00 | 8.00 |
| <i>Roseum</i> | 1.25 | 10.00 |
| <i>Adiantifolia</i> | 1.00 | 8.00 |
| <i>Minus</i> | .75 | 6.00 |
| <i>Thymus Montanus Albus</i> , 3-in. pots | 1.00 | 8.00 |
| <i>Vulgaris Coccinea</i> , 3-in. pots | 1.00 | 8.00 |
| <i>Lammosus</i> , 3-in. pots | 1.00 | 8.00 |
| <i>Serpillium Aureum</i> , 3-in. pots | .75 | 6.00 |
| <i>Tradescantia Virginica</i> , strong | .60 | 4.00 |
| <i>Virginica Alba</i> | .60 | 4.00 |
| <i>Trocyrtis Hirta</i> , strong plants | 1.00 | 8.00 |
| <i>Trillium Erectum</i> | .75 | 6.00 |

TRITOMAS.

| | Doz. | 100 | 1000 |
|---------------------------------------------|--------|--------|---------|
| <i>Pittzeri</i> (Everblooming Flame Flower) | \$1.00 | \$6.00 | \$40.00 |
| <i>Varia Grandiflora</i> | .75 | 6.00 | 50.00 |
| <i>Corallina</i> | .75 | 6.00 | 50.00 |
| <i>Mae Owan</i> | .75 | 6.00 | 50.00 |

Our Pastimes

Announcements of coming contests or other events of interest to our bowling, shooting and sporting readers are solicited and will be given place in this column.

Address all correspondence for this department to J. H. Pepper, 42 West 28th St., New York; Robt. Kift, 1725 Chestnut St., Philadelphia; or to the American Florist Co., Chicago.

The Ladies at Chicago.

The following scores were made by the ladies, November 15, on Kinsley's alleys:

| Player | 1st | 2d | 3d |
|----------------|-----|-----|-----|
| Mrs. Asmus | 109 | 98 | 115 |
| Mrs. Lambros | 83 | 103 | 69 |
| Mrs. Winterson | 81 | 63 | 116 |
| Mrs. Scott | 82 | 83 | 83 |
| Mrs. Kreitling | 110 | 95 | 88 |
| Mrs. Hauswirth | 87 | 66 | 78 |



A Bowler on the Pi(g)ke

At Red Bank, N. J.

The flower show is always a fete for the gardeners here, and the society's bowling club had some great rolling on the two days of the exhibition. Here are some of the best scores:

| FIRST DAY. | | | |
|----------------------|------|-----|-----|
| PLAYER. | 1st | 2d | 3d |
| Butterbach (Capt.) | 174 | 161 | 182 |
| Richards I. | 161 | 152 | 127 |
| W. W. Kennedy | 154 | 160 | 149 |
| John Kennedy | 172 | 149 | 164 |
| A. Williams | 149 | 153 | 159 |
| Total | 810 | 775 | 781 |
| H. A. Kettel (Capt.) | 170 | 164 | 176 |
| H. McCarron | 168 | 157 | 137 |
| Jenkins | 139 | 148 | 121 |
| Joe Kennedy | 171 | 176 | 160 |
| Richards II. | 156 | 160 | 140 |
| Total | 804 | 805 | 734 |
| SECOND DAY. | | | |
| PLAYER. | 1st | 2d | 3d |
| Butterbach | 202 | 162 | 165 |
| Bartholomew | 189 | 172 | 167 |
| W. W. Kennedy | 174 | 142 | 152 |
| G. Hale | 176 | 159 | 171 |
| James Kennedy | 151 | 160 | 152 |
| Jenkins | 132 | 119 | 130 |
| Total | 1027 | 915 | 956 |
| Kettel | 198 | 161 | 171 |
| Joe Kennedy | 194 | 165 | 164 |
| Anderson | 146 | 139 | 137 |
| Williams | 151 | 163 | 170 |
| Wm. Turner | 162 | 162 | 169 |
| Rob Kennedy | 180 | 120 | 149 |
| Total | 1032 | 910 | 960 |

At Boston.

Monday evening, November 14, Schlegel & Fottler Company took two out of three from R. & J. Farquhar & Company in a regular match game of the Seed Trade Bowling League. The features of the evening were the rolling of Fay for Schlegel & Fottler Company, and Jenner for R. & J. Farquhar & Company. The rooters still continue to be one of the pleasant affairs of these matches. The score:

| R. & J. FARQUHAR. | | | | |
|-------------------|-----|----|----|-----|
| Player | 1st | 2d | 3d | T'l |
| Davy | 75 | 76 | 70 | 221 |
| Castle | 80 | 74 | 75 | 229 |
| Hardman | 77 | 74 | 89 | 231 |
| McDermott | 76 | 74 | 84 | 234 |
| Jenner | 76 | 84 | 89 | 249 |

Total.....383 382 398 1164

| SCHLEGEL & FOTTLER COMPANY. | | | | |
|-----------------------------|-----|----|----|-----|
| Player | 1st | 2d | 3d | T'l |
| Gates | 95 | 71 | 79 | 245 |
| Cahill | 59 | 73 | 62 | 194 |
| Fay | 104 | 84 | 78 | 266 |
| Woods | 65 | 73 | 70 | 208 |
| Guérineau | 79 | 83 | 71 | 233 |

Total.....402 384 360 1146

W. W. Rawson & Company and Jos. Breck & Sons are the opposing teams for November 21.

Flowers Commercialized.

It gives to the floral world a strongly commercialized suggestion to note that the Chicago Carnation Company speaks of its sales of this spicy and popular blossom as its "output." We shall have the "wood violet syndicate" and the "lily of the valley association, limited." The moss rose will have directors and the petunia a secretary and treasurer. The tiger lily will come before board meetings and the tuberose appear on the market page; American Beauties will be bulled



and beared, while chrysanthemums will break four points, rallying slightly before

closing; gardenias will be weak and fluctuating and poinsettias fair to middling, with no demand. Good-by to the innocence of the flowers, blooming and dispersing their perfume regardless of monetary values. Some of them have already undergone such forcing and pruning and training that they are exotics in their own country and would no more recognize their ancestors than the "Vans and Vanders" of New York would recognize those short-waisted, full-skirted Holland ancestors of theirs, with a festoon of sausages around their necks and wooden shoes on their feet. The violet is still spared, but the time cannot be remote when some florist company will point to a weird combination of a score of purple petals two inches in diameter and say, "This is a violet."—*St. Louis Globe-Democrat.*

At New York.

At the weekly meeting of the New York Bowling Club on Monday the following scores were made:

| Player | 1st | 2d | 3d | 4th | 5th | 6th |
|-------------|-----|-----|-----|-----|-----|-----|
| Lang | 191 | 138 | 160 | | | |
| Traendly | 127 | 130 | 154 | 141 | | |
| Butterfield | 167 | 95 | 149 | 149 | | |
| Holt | 129 | 127 | 142 | 141 | 117 | 185 |
| Kessler | 107 | 135 | 133 | 134 | 130 | 128 |
| Guttman | 157 | | | | | |
| Marshall | 234 | 115 | 137 | 133 | 157 | |
| Haffner | 128 | 126 | | | | |
| J. Young | 95 | 102 | | | | |
| Ward, C. W. | 104 | 115 | | | | |
| Shaw | 155 | 151 | 136 | | | |

Columbus, O.

Sherman Stephens and Fred. Windmiller were in St. Louis attending the big show. They will give us a talk at the next regular meeting of the Florists' Club, their subject being what they saw and learned while there.

Gus. Drobisch has been confined to his bed for the past week with appendicitis. His physician states that Mr. Drobisch will soon be out again. He also states that an operation will not be necessary, which report is very encouraging to his many friends.

Chrysanthemums are still plentiful, but indications are that another few days' cutting will reduce the stock in this locality to a minimum. Many of the shaggy varieties, such as F. S. Vallis and others will be stricken from the list another season by many of our growers. *CARL.*

CADILLAC, MICH.—Kleinhans & Mason are building the fourth greenhouse in their plant on Cherry street. This house will be fifty feet in length and eighteen feet in width. They now have three houses, each seventy feet in length and eighteen feet in width.

CHRISTMAS HOLIDAY EXCURSION RATES

via the Nickel Plate Road, December 24, 25, 26 and 31, 1904, and January 1 and 2, 1905, good returning January 4, 1905, at a fare and a third for the round trip between Chicago and Buffalo. Three through express trains daily to Fort Wayne, Findlay, Cleveland, Erie, Buffalo, New York, Boston and all eastern points. Through Pullman Sleepers and excellent dining-car service. Individual Club Meals, ranging in price from 30c to \$1, being served in Nickel Plate dining-cars; also service a la carte. No excess fare charged on any train. Chicago depot, Van Buren and La Salle Sts. City ticket offices, 111 Adams St. and Auditorium Annex. All information given upon application to John Y. Calahan, General Agent, 111 Adams St., Room 298. *34*



Vaughan's XXX HOLLY.

Per case, \$5.00. For larger lots write. Burlap lined for Pacific Coast Shipment, 50 cents extra.

We want to express our heartiest thanks for the quick business you did for us on Holly and Christmas supplies. You get all our order for that stock next year. One other house made us no end of trouble getting our Holly to us.

W. H. GULLETT & SONS.

MISTLETOE. We expect to have as usual a choice stock of this for delivery about December 15th. Orders should be placed at once. Extra quality per lb., 25c; 10 lbs., \$2.25; 25 lbs., \$5.00.



MISTLETOE.

HOLLY AND GREEN

VAUGHAN'S DEEP WOODS BOUQUET GREEN

Our contracts this year cover as they did last, the bulk of the best stock of Bouquet Green in this country. We not only filled all the advance orders booked with up, but we delivered bulk green to the trade all of the months of November and December, 1903, a record held by us alone.

Write or Wire Us for prices whenever you are ready to buy. Prices are quoted by mail for prompt acceptance, and customers are especially desired to ask us for net prices just when ready to buy, as values on this fluctuate greatly and almost daily. We keep in close touch with the market and supply at right prices.



Evergreen Wreathing.

Beginning about November 20, we carry two grades regularly in stock in large lots, and will make closest prices in 20-yard coils, Per 100 yards, \$3.00 to \$5.00.

CLEVELAND, OHIO.

Your shipment of wreathing arrived to-day and quality is all satisfactory. We think it is some of the best we ever had from Chicago.

C. CHANDLER'S SONS.

**Write for a copy of our
Christmas Circular
Just Issued.**



VAUGHAN'S SEED STORE,

84-86 Randolph St., CHICAGO.

14 Barclay St., NEW YORK.

Greenhouses and Nurseries, Western Springs, Ill.

New Crimson Red Canna

DID YOU SEE EXHIBITED AT ST. LOUIS
THE NEW CRIMSON RED CANNA

Mrs. Wm. F. Kasting?

Height, 3½ feet. Most brilliant in color, most prolific of all Red Cannas. Blooms all the time, and is exceptionally fine for conservatory decorations. You will need it in your business. *Awarded on its merits, a gold medal at the World's Fair, 1904*

West Seneca, N.Y., U. S. A., Sept. 15, 1904.

Mr. Wm. F. Kasting.

Dear Sir: In our trial grounds this year, the Canna, Mrs. Wm. F. Kasting, was by far the best of its class; both in richness of coloring and in freedom of bloom. It has been a sheet of dazzling crimson from June up to the present time and promises to be good for a month to come. I consider it a most valuable acquisition and shall need a large bed of it next year.

Respectfully, JOHN F. COWELL.

Prices for bulbs, to be delivered
after December 1, 1904.

\$1.00 each. \$9.00 a dozen.
\$50.00 per hundred, stock limited.

WM. F. KASTING

383-387 Ellicott St. Buffalo, N. Y.

ADIANTUM CROWEANUM

THE NEW MAIDENHAIR FERN

In this the keen man in the business recognizes an introduction of sterling merit. It ranks as the best all-around Adiantum, and the money-making qualities of which, for growing either its lasting cut fronds, or plants, are freely conceded.

IT DISTANCES ALL ELSE FOR COMMERCIAL PROFIT

The best of all ferns for cut fronds, which quickly beget a steady demand wherever shown or introduced. Brings the highest prices. The easiest to grow and the easiest to sell. Has received the highest encomiums from the leading cut flower dealers in the country.

ADIANTUM CROWEANUM originated at Utica, N. Y., about fourteen years ago, and has been extensively grown by the original owner, Mr. Crowe, who has received phenomenal prices for the cut fronds in the New York and other markets and has created a great demand for it. **Buy Now.** Buy liberally and reap the benefits.

The fronds are **long**, elegantly proportioned and of a texture that renders it the best keeper and shipper of all Adiantums. It is a very free and continuous grower, requires no rest and responds readily to fertilizers. Anyone can grow it and get good money for it.

Adiantum Croweanum is distinctive in character and quality, and way above all others

Rival claims utterly fail to stand comparative tests, as evidenced by the following report of able authorities; deductions from actual experiments, officially submitted to Sec'y Wm. J. Stewart, of the S. A. F. & O. H.

Dear Mr. Stewart:—After growing Adiantum Croweanum and Adiantum Hybridum for one year I find that they are quite distinct. Adiantum Croweanum has longer fronds, grows more upright and has smaller pinnae than Hybridum. Adiantum Hybridum does not grow quite as tall as Croweanum, the fronds not quite as straight or upright as Croweanum and are of darker shade of green. The pinnae are much larger than in Croweanum. Dr. Benjamin Robinson of the Gray Herbarium examined the plants this day and said they were quite distinct.

Yours respectfully,

ROBERT CAMERON.

MANY STRONG ENDORSEMENTS GIVEN IN OUR CIRCULAR OF TESTIMONIALS. FREE ON REQUEST.

Send in orders now, which will be filled promptly, at the following prices:

\$5.00 per doz.; \$35.00 per 100; \$250.00 per 1000. 25 at 100 rate; 250 at 1000 rate.

Also Stock Plants from bench, in size requiring 8 to 10-inch pots, \$9.00 per doz.; \$67.50 per 100; \$600.00 per 1000.

GENERAL JOBBING AGENTS FOR CROWEANUM

H. A. OREER.
Philadelphia, Pa.
F. R. PIERSON CO.,
Tarrytown, N. Y.
C. C. POLLWORTH CO.,
Milwaukee, Wis.

W. W. BARNARD & CO.,
Chicago, Ill.
VAUGHAN'S SEED STORE,
Chicago and New York.
LAKE VIEW ROSE GARDENS,
Jamestown, N. Y.

WM. F. KASTING, Sole Distributor
383-87 Ellicott St., Buffalo, N. Y.

S. S. SKIDELSKY, Traveling Representative,
824 North 24th St., Philadelphia, Pa.

B. & A. SPECIALTIES.



AZALEAS. CHRISTMAS BLOOMING.

| | | | |
|----------------------------|--------------------|-------------------|--|
| Deutsche Perle (white) | Prof. Wolters, | Niobe, | |
| Simon Mardner (red) | Ber Andrea Alba, | Empress of India, | |
| Vervaneana (pink) | Schryveriana, | Chicago, | |
| Van der Cruysen, | Emperor of Brazil, | | |
| | | and others. | |
| 10-12 inches diameter..... | Per doz. | Per 100 | |
| 12 14 inches diameter..... | \$ 4 00 | \$35 00 | |
| 14 15 inches diameter..... | 6 10 | 45 00 | |
| 15-16 inches diameter..... | 7 50 | 60 00 | |
| 16-18 inches diameter..... | 9 00 | 75 00 | |
| 18-20 inches diameter..... | 12 00 | 90 00 | |
| 20-24 inches diameter..... | 25 00 | 200 00 | |
| | 36 00 | 300 00 | |

ACACIA ARMATA OR PARADOXA.

| | | |
|----------------------------|----------|---------|
| Pot-grown and well budded. | Per doz. | |
| 18-24 inches..... | \$ 4 00 | \$35 00 |
| 2 3 feet, extra fine..... | | 12 50 |

BOXWOOD, PYRAMIDAL.

| | | |
|-------------------------------------|----------------------------------|--------------------|
| 15-18 inches..... | Each. | \$.50 |
| 18-24 inches..... | | .75 |
| 2 feet..... | | 1.00 |
| 2½ feet..... | Handsome | 1.50 |
| 3 feet..... | Specimens. | 2.00 |
| 3½ feet..... | | 2.50 |
| 4 feet..... | | 3.50 |
| 5 feet..... | | 4.00 |
| 5 6 feet high, nicely shaped..... | per pair. | \$10 00 to \$15 00 |
| For window boxes, bushy plants..... | 25c, 35c, 50c, 65c and 75c each. | |

CALLAS.

| | | |
|-------------------------|---------|--------|
| Fine blooming size..... | Per 100 | \$4 50 |
| Selected size..... | | 6 50 |
| Mammoth size..... | | 8 50 |

SINGLE TUBEROUS ROOTED BEGONIAS.

| | |
|----------------------------------|------|
| 5 colors separate, 1st size..... | 3 00 |
| 5 colors separate, 2d size..... | 2 00 |

POT-GROWN SHRUBS FOR FORCING.

The following are all handsome, bushy well grown plants, well budded, and will prove a profitable investment to any one. Plants are all 2½ to 3½ feet.

| | | |
|----------------------------------|----------|--------|
| Acer Negundo variegata..... | Per doz. | \$6 50 |
| Azalea Mollis, 12 15 inches..... | | 4 50 |
| " " 15-18 inches..... | | 6 50 |
| Crataegus Paull..... | | 9 00 |
| Cherries, double flowering..... | | 7 50 |
| Geutzia Gracilis..... | | 2 00 |
| " Lemoinei..... | | 2 50 |

POT-GROWN SHRUBS Continued

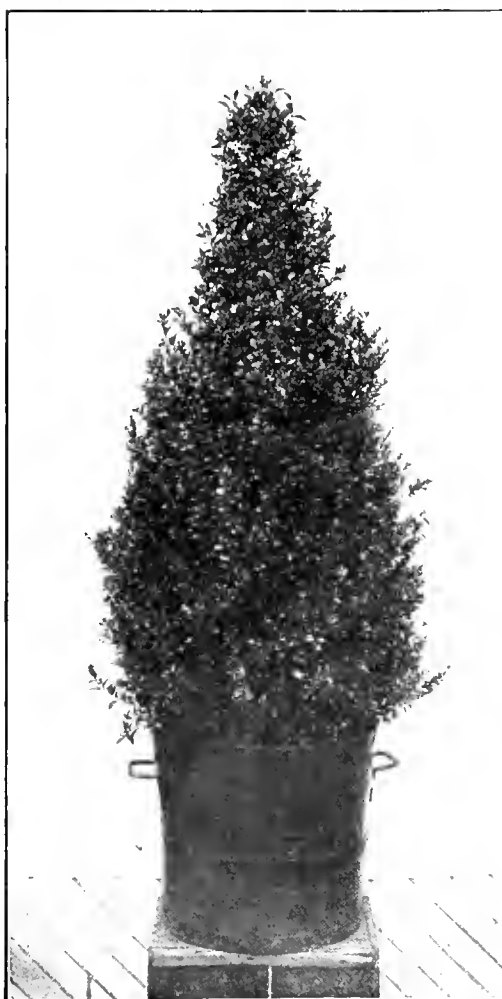
| | | |
|------------------------------------------------------------------------|----------|------|
| Lilacs, Charles X, blue; Marie Legraye, white; Lemoine, dbl white..... | Per doz. | 9 00 |
| Malus Floribunda..... | | 9 00 |
| Staphylea Colchica..... | | 6 00 |
| Viburnum Opulus..... | | 6 00 |
| " Plicatum..... | | 6 00 |
| Weigelia, Eva Rathke..... | | 7 50 |

STANDARDS.

| | | |
|-------------------------|----------|-------|
| Lilacs, in variety..... | Per doz. | 12 00 |
| Viburnum Opulus..... | | 12 00 |
| Wistaria..... | | 18 00 |

PAEONIAS.

| | | |
|------------------------------------------------------------------------------------------------------------------------------------|----------|---------|
| Officinalis rubra plena..... | Per doz. | 100 |
| " alba..... | \$1 00 | \$ 8 00 |
| " rosea..... | 2 00 | 15 00 |
| Chinensis, 50 in 50 varieties, \$15.00 per collection. White, red, pink; good named varieties in equal quantities, \$8.00 per 100. | 1 50 | 12 00 |
| Paeonia Arborea (Tree Peony) in variety, \$9.00 and \$12.00 per 12. | | |



Dutch, French, Japanese and Chinese Bulbs.

Ask for Surplus List.

See catalogue for PALMS, BAY TREES, EVERGREENS, SHRUBS, ORNAMENTAL TREES and other stock,

BOBBINK & ATKINS,

Nurserymen and Florists,

RUTHERFORD,

NEW JERSEY.

The New York Cut Flower Company

J. A. MILLANG, Manager

55 and 57 West 26th St.
Telephone 756 Madison Square

WHOLESALE FLORIST

DAILY REPORTS

The Finest American Beauties in the Land

WEEKLY PAYMENTS

The LARGEST number and the BEST handled daily by any Commission House in the world. Special MAIDS and GATES the year around. The ONLY house handling the BRIDE Carnation.

The New York Cut Flower Company

Thanksgiving Offering

All orders as well as RUSH ORDERS given our utmost care and FILLED WITH A No. 1 STOCK as a TRIAL ORDER WILL CONVINCE YOU as we are cutting heavily of the following:

FANCY 'MUMS

Yellow, white and pink, extra fancy, \$2.50 to \$4.00 per dozen; good stock, \$1.50 to \$2.50 per dozen.

BEAUTIES

Extra long, fancy stock, large buds, \$3.50 to \$5.00 per dozen; 12 to 18-inch, \$1.00 to \$2.00 per dozen; 18 to 24-inch, \$2.00 to \$3.50 per dozen

TEA ROSES

Bride, Maid, Meteor, Gale, Chateau, Kaiserin and Liberty, extra select, \$6.00 to \$8.00 per 100; select, \$5.00; seconds, \$3.00 to \$4.00.

CARNATIONS

All the leading varieties; quality unsurpassed; extra fancy, \$3.00 to \$4.00 per 100; select \$2.00 to \$2.50; common, \$1.50.

VIOLETS

Being home grown these are extra fine and fragrant, single and double, 75c to \$1.50 per 100.

VALLEY

Heavily flowered spikes, large bells, \$3.00 to \$4.00 per 100.

All other stock at current market prices. Prices subject to change without notice.

J. A. BUDLONG,

Grower and Wholesaler of Cut Flowers.

37-39 Randolph St.,

Long Distance Phone, Central 3120
Automatic 9923

CHICAGO.

**TWO
GRAND
NEW
ASTERS**

BENTHEY'S WHITE BENTHEY'S PINK....



THE ABOVE CUT shows a vase of BENTHEY'S WHITE with flowers from four to five inches in diameter, and stems from thirty to forty inches in length. These two varieties will produce more first-class salable flowers than any Aster now in commerce. They are pronounced by both grower and consumer **THE FINEST ASTERS EVER SEEN IN CHICAGO**, and were the **FAVORITE ASTERS IN THE CHICAGO AND ST. LOUIS MARKETS** the past season. Read what some of the prominent florists say:


"The Asters received are a fine lot—the best we have ever seen."
JOHN BREITMEYER'S SONS,
Detroit, Mich.

"We have handled the Benthey Aster in large quantities the past season and found it the best seller we have ever handled, and sold at double the price of any other variety in the market."
P. J. HAUSWIRTH,
Chicago, Ill.

"It is the best Aster I ever handled both for cut flowers and design work. Hope you will have more next season, as I know the demand will be great."

J. J. BENEKE, St. Louis, Mo.

"We have seen the New Benthey Aster, and consider it the best in the market. When you are ready to place the seed on the market kindly inform us, as we are anxious to grow some next season."
NANZ & NEUNER,
Louisville, Ky.

 The Seed of the TWO VARIETIES will be ready for distribution January 1, 1905.

For further information, write:

PRICE LIST.

| TRADE PACKAGE. | | |
|--------------------------|-------|--------|
| 1/4 OUNCE, White or Pink | ..... | \$1.00 |
| 1/2 OUNCE, " " | ..... | 2.50 |
| 1 OUNCE, " " | ..... | 4.50 |
|  | ..... | 8.00 |

THE BENTHEY-COATSWORTH CO.

35 RANDOLPH STREET, CHICAGO

JOSEPH S. FENRICH

Wholesale Florist

48 West 30th St.

Telephone No. 325
Madison Square

NEW YORK CITY

The RELIABLE HOUSE

Every Variety of Cut Flowers in Season.

ROSES, BEAUTIES, VIOLETS, VALLEY, LILIES, CARNATIONS, ASPARAGUS, SMILAX, Etc.

My growers are among the best in the country. I build my success on the foundation of SQUARE DEALING, prompt payments, and fair play to all. I ask a share of your confidence.

CONSIGNMENTS SOLICITED.

FLOWER GROWERS' COMPANY

58-60 Wabash Avenue, CHICAGO.

—STAND HOLDERS—

BEU, FRANK,
BLONDEEL, F. CO.,
BRANT, D. WOOD,
CHICAGO CARNATION CO.,
CRABB & HUNTER,

DES PLAINES FLORAL CO.,
DOWNERS GROVE FLORAL CO.,
HILLS, FRED R.,

JOHNSON & CARLSON,
JONES, PERCY, Growers' Representative.

MOORE, N. C. & CO.,
SINNER BROS.,
STOLLERY BROS.,
SWANSON, JOHN A.,
THEN, ANTON,

TONNER, WALTER L.,
VAUGHAN & SPERRY, Florists' Supplies and Growers'
Representatives.
VAUGHAN'S SEED STORE,
WIFFIN, CHAS.

T

HE TENDENCY everywhere is for the buyers to seek to get into closest touch with the sources of supply and in the Chicago market the city buyers, who are constantly on the ground and in touch with the situation, go first each morning to the Flower Growers' Market, 58 to 60 Wabash Avenue, to supply their wants. Here on one floor they find set out for their convenient inspection more stock than is received in any other wholesale house in the West; including everything which is to be found anywhere else, and many things which are not to be had anywhere else; all stock reliably fresh, for everyone sells out clean each day at the prevailing market price. And, best of all here they come into personal relations with the man who produces the goods, and find in him one who has learned that to do profitable business you must see that your customer, too, makes a profit from your goods. It being true that the Chicago buyers are best satisfied with buying at the Market, does it not follow that you, Mr. Out-of-Town Buyer, would find the growers at the Market your most dependable source of supply? Give any one on the floor your standing order and he has the whole resources of the Market to draw upon, and can meet all requirements, as to quality and quantity as well for you as he can for city buyers. And your interests will be his interests, you may rest assured of that. As a matter of fact, the growers represented at the Market are taking good care of a great many out-of-town buyers whose patronage is so highly valued that with every facility for so doing, new buyers will be afforded every consideration which has gained and held the older patrons. The Market can take care of the largest order, but no order is too small to receive careful attention.

Rush Your THANKSGIVING ORDERS To Us. They Will be Handled.

SCOTTII

Admitted by all Judges and Growers who have seen it to be
the **BEST** commercial *Nephrolepis* in existence.

AWARDS RECEIVED BY SCOTT FERN:

Philadelphia, Silver Medal.
Newport, Silver Medal.
Boston, Silver Medal.
N. Y. Florists' Club, Silver Medal.
S. A. F., Silver Medal.

World's Fair, Gold Medal.
New Orleans, Gold Medal.
Shaw Gold Medal (St. Louis),
Highest Award at Ottawa and
Toronto, Canada.

First-Class certificates from other exhibitions all over the
country, too numerous to mention.

**Received the Silver Medal, the highest Award, at the American
Institute Flower Show, New York, November 15.**

READ CAREFULLY WHAT THE NEW YORK FLORISTS' CLUB SAID OF THIS FERN.

The committee of award of the club visited the establishment of John Scott, at Flatbush, N. Y., on October 6, for the purpose of inspecting the stock of his new fern, *NEPHROLEPIS SCOTTII*. Seven members of the committee attended, also the president and vice-president of the club. The initial exhibit of this fern was made at the rooms of the club at the November meeting, 1903. The committee which examined it at that time was so favorably impressed by it that they unhesitatingly awarded it a certificate of merit, and did not ask to see it growing; a request to examine the stock was only recently sent to the club by the exhibitor. The committee made a thorough examination of the stock both in pots and in the bench, and character. It was growing in all sizes from plants in 4 inch pots up to specimen plants in tubs, and it was absolutely uniform, and were highly pleased at its consistent form in all grades, the characteristics of the large specimen plants being evident in the smallest specimens on the place. The most careful scrutiny failed to discover any tendency whatsoever toward reversion, and it seems as if the character of the plant is absolutely and indelibly fixed. It is in essence a condensed form of the Boston fern, with valuable characteristics added, which are not evident in the parent. Your committee took an average plant in an 8-in. pot and found by actual count that there were 200 fronds in it, not counting the undeveloped and small ones which were in the center of the plant. The fronds of the plant in question averaged about twenty inches in length and three inches in width at the widest point; the pinnae are very closely set, so that they overlap, making a more finished frond than the parent. The plant in question had a spread of three feet. Plants in 4-inch pots showed a spread of 18 inches and a height of 10 to 12 inches. The committee was unanimously of the opinion that it is a most valuable introduction, and that it will become a plant for the florists to grow universally. It has a crispness and hardness about it which is superior to the parent, and which is one of its very valuable characteristics. It propagates very freely, and because of the fact that its character is established in the smallest size, it should find ready sale in all grades. After a thorough examination, your committee unanimously agreed that it was worthy of the highest award by the club and therefore voted that it be awarded the silver medal of the club, and herewith recommend same for your approval.

(Signed)

Patrick O'Mara, John Birnie, Alfred H. Langjahr, Wm. H. Siebrecht, Chas. Lenker, John Dowsett.

The Committee of Awards at the St. Louis World's Fair, said of *NEPHROLEPIS SCOTTII*:

"A sturdy, dwarf and compact form of *Nephrolepis*, very symmetrical and handsome, either in small plants or quite large ones. A great acquisition, with excellent qualities as a house plant. Worthy of Gold Medal."

FOR PRICES SEE AMERICAN FLORIST, OCTOBER 29.

CONSULT ANY GROWER OR RETAILER WHO HAS BOUGHT SCOTTII.

JOHN SCOTT, Keap St. Greenhouses, **Brooklyn, N. Y.**
Telephone 1207 Williamsburg.

BRANCH: East 45th St. and Rutland Rd., Brooklyn, N. Y.

RETAILERS!

Our Supply is Unlimited

Write for Price List.

Reliable Shipments

to out-of-town

FLORISTS

made daily

NO BETTER FLOW-

ERS ANY-

WHERE

ALEX. J. GUTTMAN
52 W. 29th St., New York
WHOLESALE FLORIST

TELEPHONE
1664-1665 MADISON



GROWERS

IF
not satisfied with present
arrangements give me a trial
I am confident I can please you

**THE ONLY HOUSE
HANDLING THE NEW**

Scarlet Seedling CARNATION

(To be Disseminated in 1906)

VICTORY

CERTIFICATE OF MERIT AT ST. LOUIS AND WHEREVER ELSE EXHIBITED.



FOR THANKSGIVING

RUSH YOUR ORDER TO E. H. HUNT

— YOU KNOW HUNT'S SERVICE. —

CHRYSANTHEMUMS, BEAUTIES, ROSES, CARNATIONS, VIOLETS.

THANKSGIVING PRICES.

BEAUTIES

| | | |
|------------------------------|-----------|------------------|
| 30 to 36-inch..... | per doz., | \$4.00 to \$5.00 |
| 21-inch..... | " | 3.00 to 4.00 |
| 20-inch..... | " | 2.00 to 3.00 |
| 15-inch..... | " | 1.50 to 2.00 |
| 12-inch..... | " | 1.00 to 1.50 |
| Short..... | per 100 | 5.00 to 8.00 |
| Brides, Maids, Chateaux..... | " | 4.00 to 7.00 |

| | | |
|------------------------------------|----------|---------------|
| Meteors, Ivory, Gates..... | " | 4.00 to 7.00 |
| Liberty..... | " | 5.00 to 8.00 |
| CARNATIONS —Medium..... | per 100 | 1.50 to 2.00 |
| Fancy..... | " | 2.00 to 3.00 |
| Extra Fancy..... | " | 3.00 to 4.00 |
| CHRYSANTHEMUMS —Medium..... | " | 6.00 to 10.00 |
| Fancy..... | per doz. | 2.00 to 3.00 |
| Extra Fancy..... | " | 3.00 to 4.00 |

| | | |
|---------------------------------|----------|--------------|
| VIOLETS , single..... | per 100 | .60 to 1.00 |
| Double..... | " | 1.00 to 1.50 |
| VALLEY , Superior..... | " | 4.00 |
| FERN | per 1000 | 1.50 |
| ADIANTUM | per 100 | 1.00 |
| SMILAX | per doz. | 1.50 to 2.00 |
| ASPARACUS , Strings..... | each | .40 to .60 |
| All Other "Green Goods" | | |

E. H. HUNT, **WHOLESALE
FLORIST**

— ESTABLISHED 1878 —

76-78 Wabash Avenue,

TELEPHONES: Central 1751,
Automatic 3072.

CHICAGO, ILL.

Palms

Ferns

THE OLDEST THE BEST.

George Wittbold Company,

1657 Buckingham Place,

CHICAGO.

Write for our Complete Price List.

Plants

Cut Flowers

GROWERS OF AND BUYERS OF

**ORCHIDS**

Get, as Prest. Roosevelt
says, "A SQUARE DEAL,
NO MORE, NO LESS,"
with....

JAMES McMANUS,

50 West 30th Street,

Telephone
759 Madison Sq.

NEW YORK.

Also **VALLEY, ROSES, GARDENIAS,** AND THE
YELLOW AND WHITE DAISIES. BEST OF

I HOPE I HAVE SAID ENOUGH TO INDUCE YOU TO PATRONIZE ME, AND
TO TRY THE OTHER FELLOW IF I DON'T SUIT YOU.

DEAMUD....

Is Headquarters for

WILD SMILAX**Plenty of It ALWAYS on Hand.**

**ALL NOVELTIES AND SPECIALTIES
IN THE CUT FLOWER LINE.**

J. B. DEAMUD,
WHOLESALE FLORIST,

51 Wabash Avenue,**CHICAGO.**

FOR THANKSGIVING

Roses, Carnations, Chrysanthemums.

Fancy 'Mums { Yellow and White, strictly large and Fancy, \$2.50 to \$3.00 per dozen. Smaller grades, \$10.00 to \$12.00 per 100.
All Colors at All Prices.

AMERICAN BEAUTY ROSES---The Best.

Violets, Valley, Green Goods.

WE FILL ORDERS WHEN OTHERS FAIL.

PRICE LIST:

| American Beauty | | Per dozen. | Chrysanthemums | | Per dozen. |
|--------------------------------|--|-------------------------|-----------------------|---------|----------------------------|
| 30 to 36-inch stem | | \$3.00 | Large fancy | | \$2.00 to \$2.50 |
| 24-inch stem | | 2.50 | Medium | | 1.25 to 1.50 |
| 20-inch stem | | 2.00 | Small | | per 100, 4.00 to 6.00 |
| 16-inch stem | | 1.50 | | Per 100 | |
| 12-inch stem | | 1.00 | Valley | | \$2.00 to \$4.00 |
| Short stem | | per 100, \$3.00 to 5.00 | Asparagus, per string | | .40c to 50c |
| | | Per 100 | Asparagus Sprengeri | | 2.00 to 3.00 |
| Bride and Bridemaid | | \$2.00 to \$5.00 | Ferns | | per 1000, \$1.25 to \$1.50 |
| Meleor and Gate | | 2.00 to 5.00 | Galax, Green | | .15 |
| Liberty | | 3.00 to 6.00 | Bronze | | .15 |
| Violets | | .60 to 1.25 | Leucothoe | | .75 |
| Carnations, select, all colors | | 1.00 to 1.50 | Adianlum | | .75 |
| " large and fancy | | 2.00 to 2.50 | Smilax | | per dozen, \$1.50 |

SUBJECT TO CHANGE WITHOUT NOTICE.

NOVEMBER SALE.

The Wire Work sale is closed, but during the month of November we will offer special prices on other staple goods, as follows:

WHEAT SHEAVES, 25 per cent off. CYCAS LEAVES, all sizes, 33 1-3 per cent off.

BEST WHITE WAX PAPER, 24x36, Ream 400 count, \$1.60 net.

KENNICOTT BROS. CO.,
Wholesale Cut Flowers,
40, 42, 44 Randolph Street, CHICAGO.

THANKSGIVING GREETINGS

FROM

CHARLES MILLANG

WHOLESALE FLORIST { 50 West 29th St. } NEW YORK CITY
Tel. Nos. 3860 61 Madison Sq

Nothing more attractive for growers in New York than our improved facilities for handling CUT FLOWERS of every description.

OUR CONSERVATORY always stocked with Choice Plants, Palms and Flowering Stock of every description for the convenience of our city patrons. Shipments made daily to any part of the country. We have made every preparation for double the business of any year in our history.

COME AND SEE US! Visit our convenient Headquarters and be convinced. The Highest Prices and most prompt payments guaranteed our growers. We invite criticism and investigation. We open every morning at 6 o'clock. Our "Early Market" is for the special convenience of our Retail Patrons.

A Special Department, very light and well ventilated for the display of immense quantities of Lilies, Violets, Roses and Chrysanthemums for

THANKSGIVING

WE WISH BOTH OUR GROWERS AND PATRONS A PROSPEROUS SEASON.

CHARLES REMEMBER THE ADDRESS. MILLANG,
50 WEST TWENTY-NINTH STREET.

REFERENCES: ANY RELIABLE HORTICULTURAL HOUSE IN NEW YORK CITY.

C.W. McKELLAR

51 Wabash Ave. Long Distance Phone, CHICAGO.
Central 3598.

— HEADQUARTERS FOR —

ORCHIDS and all Fancy Flowers
...and..
Decorative Stock

— FOR —

THANKSGIVING

THANKSGIVING PRICE LIST.

TAKES EFFECT MONDAY, NOVEMBER 21st.

ORCHIDS a specialty.

| | Per doz. |
|-----------------------------------|------------------|
| Cattleyas..... | \$6.00 to \$7.00 |
| Dendrobium Formosum..... | 4.00 to 5.00 |
| Ass't Orchids..... per doz. | 5.00 to 25.00 |
| BEAUTIES, Extra Fancy..... | 5.00 to 6.00 |
| 24 to 36-in. stems..... | 3.00 to 4.00 |
| 15 to 24-in. stems..... | 2.00 to 2.50 |
| 8 to 12-in. stems..... | 1.00 to 1.50 |
| Short stems..... | .50 to .75 |
| Per 100 | |

Brides, Bridesmaids, Kaisersins.. \$4.00 to 8.00

| | Per 100 |
|-------------------------------|------------------|
| Liberty, Chateaux, Ivory..... | \$4.00 to \$8.00 |
| Perles, Sunrise, Gates..... | 4.00 to 8.00 |
| Roses, my selection..... | 5.00 to 6.00 |
| Carnations, large fancy..... | 3.00 to 4.00 |
| medium, good stock..... | 2.00 to 2.50 |
| Valley, select..... | 3.00 to 4.00 |
| Chrysanthemumia, fancy..... | 15.00 to 25.00 |
| good grade..... | 10.00 to 12.50 |
| Small 'Mums..... | 5.00 to 8.00 |
| Violets..... | .75 to 1.50 |

| | Per 100 |
|-----------------------------------------------|--------------------|
| Callas..... | \$12.50 to \$15.00 |
| Harrisii..... | 15.00 to 18.00 |
| Greeos, Smilax Strings, per doz. | 1.50 |
| Asparagus Strings..... each | 40 to .50 |
| Plumosus, Sprengerii, bunch | .35 |
| Adiantum..... | 1.00 to 1.25 |
| Ferns, common..... per 100 | 1.50 |
| Galax, Green, Bronze, .. | 1.50 |
| Leucothoe Sprays..... | .75 |
| Wild Smilax..... per case, \$3, \$4, \$5, \$6 | |

Early orders requested. All telegraph and telephone orders given best possible attention. All flowers in season. Prices subject to change without notice.

PETER REINBERG

LARGEST GROWER IN THE WORLD,

Will Take Care of Your Thanksgiving Order.

1,000,000 FEET OF GLASS.

...THANKSGIVING PRICE LIST....

| BEAUTIES— | Per doz. | | Per 100 | | Per 100 |
|--------------------|----------|---------------------------|------------------|-----------------|------------------|
| Extra select..... | \$6.00 | BRIDE | \$5.00 to \$8.00 | SUNRISE | \$5.00 to \$8.00 |
| 36-inch stems..... | 5.00 | BRIDESMAID | 5.00 to 8.00 | LIBERTY..... | 4.00 to 10.00 |
| 30-inch stems..... | 4.00 | METEOR | 5.00 to 8.00 | IVORY..... | 5.00 to 8.00 |
| 24-inch stems..... | 3.00 | GOLDEN GATE | 5.00 to 8.00 | PERLE..... | 4.00 to 6.00 |
| 20-inch stems..... | 2.50 | CHATENAY, best grade..... | 8.00 to 10.00 | CARNATIONS..... | 2.00 to 3.00 |
| 15-inch stems..... | 2.00 | “ good grade..... | 4.00 to 6.00 | “ fancy..... | 4.00 |
| 12-inch stems..... | 1.50 | | | | |
| Short stems..... | 1.00 | | | | |

SUBJECT TO CHANGE WITHOUT NOTICE.

—ROSES, Our Selection, \$4.00—



VIEW SHOWING A PART OF OUR RANGE OF 1,000,000 FEET OF GLASS.

Chrysanthemum Novelties.

We offer the following varieties for 1905. They were among the finest flowers in the Wells Gold Medal Exhibit and were in all the **first prize stands** in the special classes. Mrs. W. Duckham won the **C. S. A. Silver Cup**; a grand yellow.

EMILY MILEHAM
Mrs. D. V. WEST
WHITE COOMBES
Mrs. W. HIGGIN

**All
 White**

Mrs. H. A. ALLEN
Valerie Greenham
DORA STEVENS
MERSTHAM YELLOW

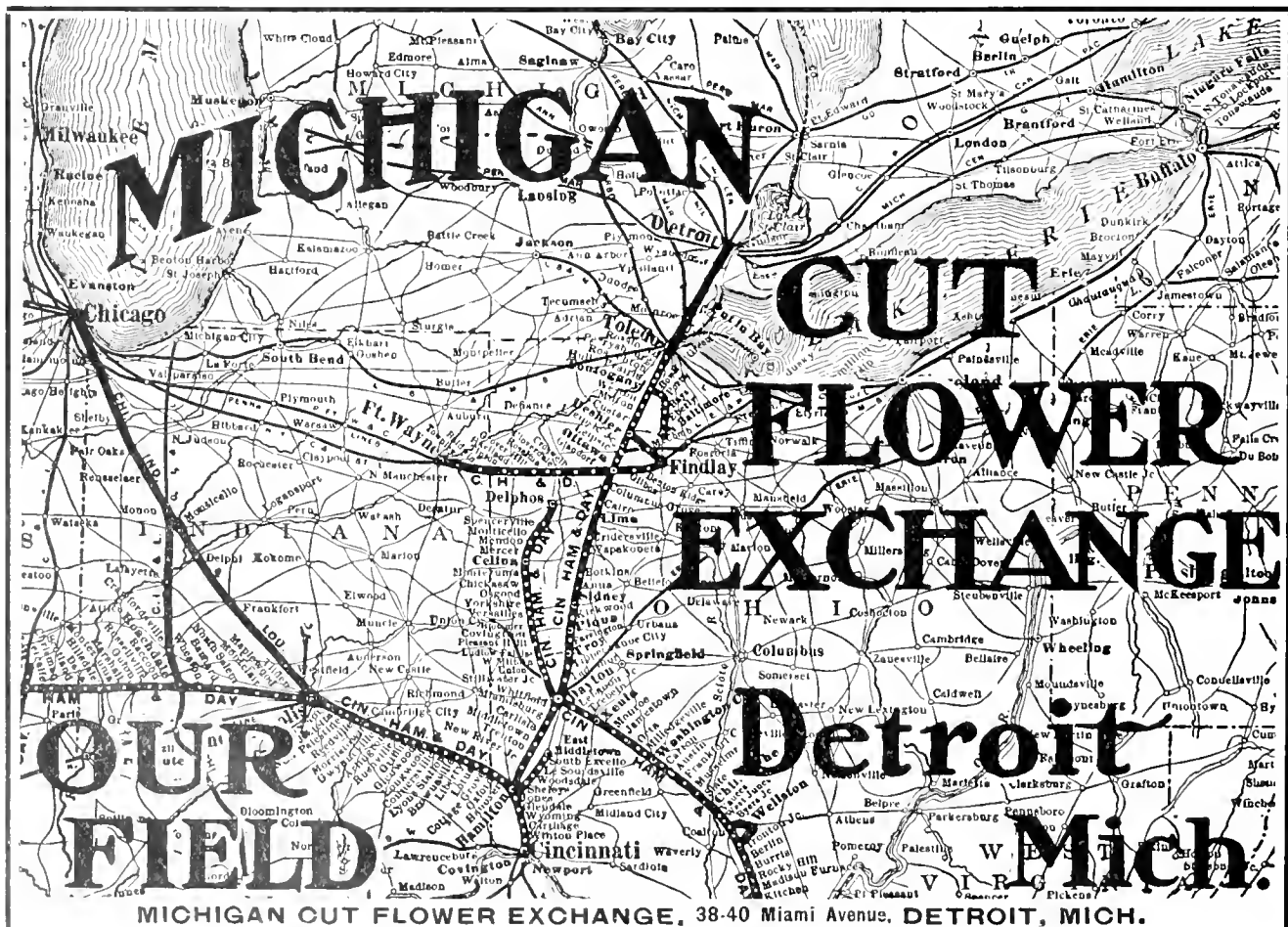
Pinks

J. H. DOYLE and J. A. MILLER, Terra Cotta Red.

We are in a position to quote these and all other high-class novelties in any quantity and guarantee stock true to name and A1 in every respect. Young plants will be delivered early in the New Year. Send for illustrated catalogue and price list.

Chas. H. Totty,

MADISON, N. J.



...FOR THE...

Thanksgiving Holiday



WE ARE PREPARED TO FURNISH the choicest line of Cut Flowers ever offered in this market. As growers of first quality **Beauty, Bride, Maid, Liberty** and other roses, we have built up a reputation well known all over the country. This season's stock is fully up to our high standard. We will convince you if you will favor us with a trial order.

We handle a superior line of **Carnations**, including the latest novelties.

Extra fine **'Mums** in variety, **Violets, Lilies, Valley** and every kind of stock in season.

See the Advertisement of the NEW BENTHEY ASTER on page 677.

The Benthey-Coatsworth Co.

35 Randolph Street, CHICAGO.

The White Carnation

FRED. BURKI

Will be disseminated in 1905, commencing in January.

Fred. Burki is the result of a cross between Lawson and a seedling of much merit—the latter being the seed parent. It possesses all the good qualities to induce the most conservative growers to include it among their best whites.

Here are a few Meritorious Points:

- 1st. The blooms come perfect and uniform, averaging 3 to 3½ inches.
- 2d. The stem measures from 20 to 30 inches, being stiff and erect and resembles that of Lawson.
- 3d. It never crops, but yields continuously from November until July.
- 4th. The calyx is perfect, showing no tendency to bursting.

5th. Its keeping qualities, a point not to be overlooked, are second to none and equal to the best.

6th. It transplants easily and roots like the proverbial weed. Those who saw it growing are unanimous in declaring the **FRED. BURKI** the ideal white in every respect.

It has scored 88 points at the Detroit Carnation Convention, receiving a Certificate of Merit.

Don't hesitate placing your order for **Fred. Burki**, it will prove a good investment.

**PRICES: \$12.00 per 100; \$100.00 per 1000.
250 at 1000 rate.**

Orders filled strictly in rotation.

FOR SALE BY

S. S. SKIDELSKY, Philadelphia.
JOHN MURCHIE, Sharon, Pa.

E. G. HILL, Richmond, Ind.
F. R. PIERSON, Tarrytown, N. Y.

SINNER BROTHERS

**58-60 Wabash Ave.,
CHICAGO.**

Give Us Your Thanksgiving Order.

BEING located in the Growers' Market, with large supplies from our own greenhouses and the stock of two-score of the best growers to draw upon, we have facilities second to none for the prompt and satisfactory handling of shipping orders.

**Give us your Thanksgiving order now, you
won't be disappointed.**

Thanksgiving Price List.

| BEAUTIES | | Per doz. |
|--------------------------|------------------|----------|
| Long stemmed..... | \$5.00 to \$8.00 | |
| 30-inch..... | | 4.00 |
| 24-inch..... | | 3.00 |
| 20-inch..... | | 2.50 |
| 15-inch..... | | 2.00 |
| 12-inch..... | | 1.50 |
| Short stemmed..... | .75 to 1.00 | |
| | | Per 100 |
| Bride..... | \$4.00 to \$8.00 | |
| Bridesmaid..... | 4.00 to 8.00 | |
| Meteor..... | 4.00 to 8.00 | |
| Gate..... | 4.00 to 8.00 | |
| Chatenay..... | 4.00 to 10.00 | |
| Liberty..... | 4.00 to 10.00 | |
| Carnations, good..... | 1.50 to 2.50 | |
| " fancy..... | 3.00 to 4.00 | |
| Violets..... | .75 to 1.50 | |
| Mums, good..... per doz. | 1.50 to 2.00 | |
| " fancy..... | 2.50 to 3.00 | |
| Valley..... | 4.00 | |
| Callas..... per doz. | 1.50 | |
| Asparagus, strings, each | .50 | |
| " sprays, bunch | .50 | |
| " Sprenger..... | 2.00 to 4.00 | |
| Adiantum..... | 1.00 to 1.25 | |
| Smilax..... per doz. | 1.50 | |



The most complete line of Florists' Supplies in the west. Catalogue free.

A Daily Shipment

From 40 to 50 Growers.

WE CAN AND WILL supply your Cut Flower Wants to advantage.

FOR

THANKSGIVING

Plenty of 'Mums, Carnations, Beauties, and other Roses. Violets, Etc., Etc. "Superior Quality" WILD SMILAX always on hand. An abundance of Ferns, Leucothoe and all "Greens."

Write, Telephone or Telegraph
AT THE LAST
MOMENT IF
NECESSARY.

Chicago
Market
Quotations.



E. F. Winterson Co.

45-47-49 Wabash Ave.,

CHICAGO.

SEND YOUR THANKSGIVING ORDER

TO

Wietor Brothers,

**WHOLESALE GROWERS OF
CUT FLOWERS**

51 Wabash Ave., CHICAGO.

Thanksgiving Price List.

Subject to change without notice.

| American Beauty | | Per doz. |
|------------------------|-----------|----------|
| Extra long stem..... | \$5.00 to | \$6.00 |
| 24-inch stem..... | 3.00 to | 4.00 |
| 20-inch stem..... | 2.00 to | 3.00 |
| 15-inch stem..... | | 2.00 |
| 12-inch stem..... | | 1.50 |
| 8-inch stem..... | | 1.00 |

Per 100

| | | |
|-----------------------------------|-----------|--------|
| BRIDE | \$6.00 to | \$8.00 |
| BRIDESMAID | 6.00 to | 8.00 |
| METEOR | 6.00 to | 8.00 |
| GOLDEN GATE | 6.00 to | 8.00 |
| KAISERIN | 4.00 to | 8.00 |
| IVORY | 5.00 to | 6.00 |
| LIBERTY | 6.00 to | 15.00 |
| La FRANCE | 6.00 to | 12.00 |
| CARNATIONS, fancy | | 4.00 |
| " ordinary..... | 2.50 to | 3.00 |
| MUMS, fancy, per doz | 2.50 to | 3.00 |
| " ordinary, per doz... | 1.00 to | 2.00 |

**ALL OTHER STOCK AT LOWEST
MARKET RATES.**

WITH one of the largest ranges of glass in the world, devoted exclusively to cut flowers, we produce first grade stock in such large quantities that there is no question of our ability to fill orders at all times. Stock picked out for all shipping orders before sales are made to city buyers. Get your order in early and you'll get what you want.

Beauties,

Roses,

Carnations,

Chrysanthemums.

Our stock was never finer than at present and we have good cuts on. Beauty is our specialty, of which we grow 60,000 plants; 80,000 Brides, Maids and Meteors, Liberty, LaFrance and Ivory of choicest quality. 160,000 Carnation plants on benches, all best sorts. Buy of the grower and get fresh stock at lowest rates.

WIETOR BROS., 51 Wabash Ave., Chicago.

Bassett & Washburn

WHOLESALE GROWERS OF

Flowers and Greens.

Buy Your FLOWERS Direct from the Growers

Thanksgiving Price List:

BEAUTIES

| | Per dozen. |
|--------------------------|--------------------|
| 36 to 48-inch stems..... | \$ 4.00 to \$ 5.00 |
| 24-inch stems..... | 3.00 |
| 20-inch stems..... | 2.00 |
| 15-inch stems..... | 1.50 |
| 10-inch stems..... | 1.00 |
| Short stems..... | .75 |

Chatenay

| | Per 100 |
|--------------|---------|
| A No. 1..... | \$8.00 |
| No. 1..... | 6.00 |
| No. 2..... | 4.00 |

Liberty

| | |
|------------------------|------------------|
| Extra long stems..... | \$12.00 to 15.00 |
| Good length stems..... | 10.00 |
| Medium..... | 6.00 to 8.00 |
| Short..... | 4.00 |

La Detroit

| | |
|--------------|--------------|
| A No. 1..... | 12.00 |
| Medium..... | 6.00 to 8.00 |

Bride and Bridesmaid

| | |
|--------------|------|
| A No. 1..... | 7.00 |
| No. 1..... | 7.00 |
| No. 2..... | 4.00 |

Perle

| | Per 100 |
|--------------|---------|
| A No. 1..... | 6.00 |
| Medium..... | 4.00 |

Roses

| | |
|-----------------------------|------|
| Assorted our selection..... | 4.00 |
|-----------------------------|------|

Carnations. All colors.

| | |
|-------------------|------|
| Extra fancy..... | 5.00 |
| Fancy..... | 4.00 |
| Good average..... | 3.00 |

Easter Lilies

| | Per dozen. |
|------------------------------|------------|
| Very fine large flowers..... | 1.50 |

Valley

| | Per 100 |
|-------------|---------|
| Choice..... | \$4.00 |

Chrysanthemums

| | Per dozen. |
|-----------------------------------------|-------------------|
| Extra large white..... | \$ 2.00 to \$2.50 |
| Extra large yellow..... | 2.00 to 2.50 |
| Medium white and yellow..... | 1.00 to 1.50 |
| Very few pink but prices same as above. | |

Bassett & Washburn,

OFFICE AND STORE,

GREENHOUSES,

76 Wabash Ave., CHICAGO.

Hinsdale, Ill.

Wittbold's

HOLIDAY
PRICE LIST.

| Variety. | Size. | Height. | Leaves. | Each. | Doz. | 100 | Variety. | Size. | Each. | Doz. | 100 | |
|--------------------------|-------------|---------|---------|--------|--------|---------|---------------------------------------------|-----------------------|-------------------------|--------|--------|-------|
| KENTIA BELMOREANA..... | 4 | 15-17 | 5-6 | .... | \$3.00 | \$25.00 | NEPHROLEPIS BOSTONIENSIS.... | 2 | ..... | ..... | 4.00 | |
| " | 6 | 22-24 | 6 | \$1.00 | 12.00 | .... | " | 5 | ..... | 3.00 | .... |  |
| " | 6 | 24-26 | 6-7 | 1.50 | 18.00 | .... | " | 6 | ..... | 5.00 | .... |  |
| " | 7 | 32-34 | 6 | 2.00 | 25.00 | .... | " | 7 | ..... | 9.00 | .... |  |
| " | 7 | 34-36 | 6 | 3.50 | 30.00 | .... | ALSOPHILA AUST..... | 8 | ..... | \$1.50 | .... |  |
| " | 9 | 44-48 | 7-8 | 6.00 | .... | .... | CIBOTIUM SCHIEDEI..... | 6 | ..... | 1.50 | 18.00 | |
| " | 10 | 46-50 | 7-8 | 7.50 | .... | .... | " | 7 | ..... | 2.00 | 24.00 | |
| KENTIA FORSTERIANA..... | 5 | 24-27 | 4-5 | .75 | 7.50 | 60.00 | ADIANTUM CUNEATUM..... | 2 | ..... | ..... | 3.00 | |
| " | 6 | 26-30 | 5 | 1.00 | 12.00 | .... | DRACÆNA INDIVISA..... | 4 | ..... | 1.50 | 10.00 | |
| " | 7 | 32-36 | .. | 2.00 | 24.00 | .... | " | 5 | ..... | 3.00 | .... |  |
| " | single..... | 8 | 34-38 | 5-6 | 2.50 | 30.00 | " | 6 | ..... | 5.00 | .... |  |
| " | 9 | 46-48 | 5-6 | 6.00 | | | " | FRAGRANS..... | 4 | | 3.00 | |
| " | 10 | 48-56 | 6-7 | 7.00 | .... | .... | " | 5 | ..... | 6.00 | .... |  |
| LATANIA BORBONICA..... | 2 | ..... | ..... | .... | .75 | .... | " | 6 | ..... | 9.00 | .... |  |
| " | 3 | ..... | ..... | .... | 1.00 | 7.00 | " | 7 | ..... | 12.00 | .... |  |
| " | 6 | 22-26 | 7 | .60 | 7.00 | | " | MASSANGÆANA..... | 5 | | \$1.00 | 12.00 |
| " | 7 | 26-30 | 7 | 1.00 | 12.00 | .... | ASPARAGUS PLUMOSUS..... | 2 | ..... | ..... | 3.00 | |
| " | 8 | 30-34 | 7-8 | 1.25 | 15.00 | .... | " | 3 | ..... | 1.00 | 8.00 | |
| PHOENIX CANARIENSIS..... | 8 | 38-42 | 10-12 | 2.50 | 30.00 | .... | " | 4 | good assortment..... | 1.50 | 12.00 | |
| " | 12 | 46-52 | 12-15 | 5.00 | .... | .... | " | 3 | fine for ferneries..... | ..... | 6.00 | |
| FIGUS ELASTICA..... | 4 | 10-12 | ..... | .25 | 3.00 | .... | FEARNS FOR DISHES..... | 2 | ..... | ..... | 3.00 | |
| " | 6 | ..... | ..... | .... | 9.00 | .... | POA TRIV. VAR..... | 3 | ..... | ..... | 6.00 | |
| ARAUCARIA EXCELSA..... | 4 | tiers | 2-3 | .50 | 6.00 | .... | CROTONS..... | 3 | ..... | 1.50 | .... |  |
| " | 5 | tiers | 3-4 | 1.00 | 9.00 | .... | " | 4 | ..... | 3.00 | .... |  |
| " | 6 | tiers | 4-5 | 1.25 | 15.00 | .... | JERUSALEM CHERRY..... | 4 | ..... | 1.50 | .... |  |
| " | comp..... | 6 | tiers | 3 | 1.50 | .... | CALIFORNIA PEPPERS..... | 4 | ..... | 1.50 | .... |  |
| COCOS WEDDELLIANA..... | 3 | ..... | ..... | .... | \$2.50 | .... | " | 5 | ..... | 3.00 | .... |  |
| " | 5 | ..... | ..... | .75 | 9.00 | .... | " | 6 | ..... | 4.00 | .... |  |
| PANDANUS VEITCH I..... | 4 | ..... | ..... | .50 | 6.00 | .... | BAY TREES, Standards, 24-inch crowns..... | 8 | 7.50 each. | ..... | .... |  |
| " | 5 | ..... | ..... | 1.00 | 12.00 | .... | " | 28-inch crowns..... | 10.00 each. | ..... | .... |  |
| " | 6 | 18-20 | ..... | 1.25 | 15.00 | .... | " | 36-inch crowns..... | 17.50 each. | ..... | .... |  |
| PANDANUS UTILIS..... | 3 | ..... | ..... | .... | 2.00 | .... | " | Pyramids, 7 feet..... | 17.50 each. | ..... | .... |  |
| " | 5 | ..... | ..... | .... | 5.00 | .... | CYCAS REVOLUTA..... | ..... | \$2.00 to \$4.00 each | ..... | .... |  |
| " | 6 | ..... | ..... | .... | 9.00 | .... | BOX TREES, 7-inch pots, 18 inches high..... | ..... | \$4.20 per dozen. | ..... | .... |  |

Jerusalem Cherries and California Peppers are just the thing for Christmas Sales. Order now before severely cold weather makes shipping dangerous.

THE GEO. WITTBOLD CO.,

1657-1659 Buckingham Place, CHICAGO.

IF YOU EVER WANT

Chrysanthemums

NEW or OLD

Exhibition or Commercial.

NATHAN SMITH & SON,

ADRIAN, MICHIGAN.

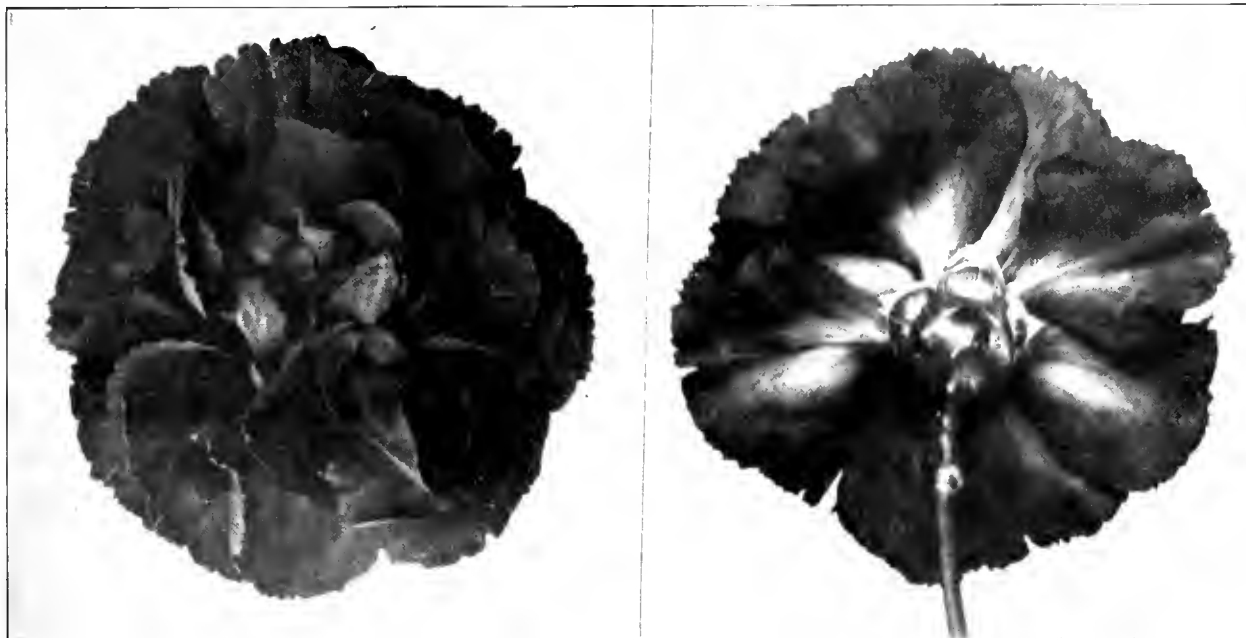
Fall List Ready.
Complete
List January 10.

ADVICE on
"What to Plant"
FREE FOR ASKING.

EXPRESS CANNA
THE GREAT
DWARF SCARLET.
Gold Medal.

Mums
Mums
Mums
Mums
Mums
Mums

Richmond Gem



THE NEW SCARLET CARNATION. WAS AWARDED A. C. S. CERTIFICATE AT DETROIT, AND FIRST PRIZE FOR SCARLET AT INDIANAPOLIS.

The best commercial scarlet of the future. It surpasses any scarlet yet introduced in color and blooming qualities, the stem being 24 inches and over, holding the flower up gracefully at all times of the year. The petals are nicely serrated and the flower will average 2½ inches and over. Read below what others say who have been growing it. Write for photograph of 1903 Christmas crop.

Joliet, Ill., Oct. 15, 1903.

B. K. & B. Floral Co., Richmond, Ind.

Gentlemen:—We now have two blooms open on the plants which we have of Richmond Gem, which were sent us for trial. Of course, you understand it is very hard to judge a carnation with but six plants. From the appearance of the blooms now we would not class it as a fancy carnation, but we are very much impressed with the habit and growth of same, also the long, stiff stems, and think it will be a free bloomer. The bloom is a little undersized, but the form is good and the color is all that can be asked for in a scarlet. At the present time we consider Estelle the best scarlet in the market, as it is a free bloomer and cannot be beaten for color, being a better color than Adonis, and judging the Richmond Gem, we will take Estelle as a standard. The color of the Richmond Gem is equally as good as Estelle, but we think it will give more blooms than Estelle. The habit is better and the stock is equally healthy, and, in fact, more so, as it is not inclined to rust. I wish you would send us, upon receipt of this, six of the best blooms you can pick of the Richmond Gem, that we may compare them with the two we now have. The writer expects to visit Richmond soon and see it growing, and if it impresses us favorably as it does now, we will place an order for 10,000.

J. D. THOMPSON CARNATION CO.

Indianapolis, Ind., Jan. 15, '04.

The B. K. & B. Co., Richmond, Ind.

Gentlemen:—We feel confident that your Richmond Gem will become one of the standard commercial varieties as soon as it is generally disseminated. As a commercial scarlet it certainly is superior to anything we now have. The color could not be improved upon, and in freedom it is ahead of anything we know of. You ought to have no trouble in selling all that you can supply.

B. K. & B. SMITH.

Hartford, Conn., Jan. 15, 1904.

B. K. & B. Floral Co., Richmond, Ind.

Gentlemen:—As to the result of the trial of six plants of Richmond Gem you sent me I have to say that when housed the third week in July they made rapid growth, and, while topped once after benching, the first flower, measuring two and one-half inches, was cut September 25. Since then there has been no let-up in the production of blooms. Habit of plant is ideal, stem just right to carry the flower gracefully, while the color, to my mind, surpasses anything yet produced in scarlet. It has been a pleasure to watch its behavior, and from experience can unhesitatingly say that you are warranted in recommending Richmond Gem to the trade as a strictly first-class commercial variety.

GEO. S. OSBORN.

Lancaster, Pa., Jan. 16, 1904.

B. K. & B. Floral Co., Richmond, Ind.

Gentlemen:—The plants of Richmond Gem you so kindly sent me for trial made fine plants in spite of the most unfavorable season I have had since embarking in business, thus showing great vitality and vigor as a grower, and, although they had this set-back in the field, they have made a good crop of good flowers, and the color is much more desirable than most of the scarlets offered for our investment. The flower in size is not a 4-inch one, but it is of fair size and promises to produce four flowers to one as compared with most of the extremely large flowered sorts.

ALBERT M. HERR.

B. K. & B. Co., Richmond, Ind.

Cincinnati, O., July 25, 1904.

I want to say to you that your Richmond Gem scarlet carnation is the best keeper and best seller of any carnation of a commercial sort I have ever handled, of fine color, splendid calyx and stem. I predict for Richmond Gem a large sale.

E. G. GILLET.

Place your orders early as we have already over 52,000 sold. Our stock is large and in fine shape. Come and see it growing. All cuttings sold with the understanding that if not satisfactory when received, money will be refunded.

Rooted Cuttings, ready from December on, \$10.00 per 100; \$75.00 per 1000. 250 at 1000 rate.

SELLING AGENTS:

DORNER & SON'S COMPANY, La Fayette, Ind.
S. S. SKIDELSKY, Philadelphia, Pa.

E. G. HILL, Richmond, Ind.

VAUGHAN'S GREENHOUSES, Western Springs, Ill.

LIVINGSTON SEED CO., Columbus, O.

WM. MURPHY, 130 East 3rd St., Cincinnati, Ohio.

NATIONAL PLANT AND FLOWER CO., Dayton, O.
PETER REINBERG, Chicago, Ill.

NATHAN SMITH & SON, Adrian, Mich.

WM. SWAYNE, Kennett Square, Pa.

HENRY A. DREER, Philadelphia, Pa.

The B. & K. Floral Company,

CHAS. KNOPF, MGR.

RICHMOND, IND.

Bargains for November.

ASPARAGUS PLUMOSUS NANUS.

Extra Strong Seedlings will make 2-inch stock in 4 weeks, special price per 100 by mail, \$1.50; per flat of 1000, \$14.00. Per 100 Per 1000
 Strong 2-inch pots.....\$2.00 \$18.00
 Strong 2½-inch pots.....4.00 25.00

Asparagus Sprengeri, 2½-inch pots.....3.00 25.00
 Asparagus Comorianis, 2-inch pots.....3.00 25.00
 Cinerarias, best mixed 2½-inch pots.....4.00 30.00
 Chrysanthemums, bushy plants in 6-inch pots, all colors, best kinds, \$4.00 per dozen.

Celestial or Christmas Peppers.

Will make fine plants for Thanksgiving.
 Strong 5-inch pot plants full of green fruit....doz., \$2.00; per 100, \$15.00.
 Strong 6-inch pot plants full of green fruit....doz., 4.00; per 100, 30.00.

Carnations, large field plants. Indianapolis, per 100, \$8.00; Mrs. Patten, 100, \$8.00.

Dahlias, 5 Grand New Sorts, undivided field roots, per doz., \$3.00. Katherine Duer, Kriemhilde, Progenitor, Rakete, 20th Century. 25 dahlias all new, one of each kind, own selection, field roots for \$5.00. Per doz. Per 100

Ficus Elastica, 5-in pots, perfect plants, 18 to 20 inches.....\$4.25 \$35.00
 6-inch pots, perfect plants, 20 to 24 inches.....6.00 50.00

Primula Buttercup, strong 3-inch.....1.50 10.00
 Primula Chinensis, Assorted, strong 2½-inch.....3.00

Ferns, Assorted, 2-inch for fern dishes, per 100, \$3.50; per 1000, \$30.00.

Also a large stock of Araucarias and Palms in all kinds and sizes.

Write for our special Palm List.

Boston Ferns.

NEPHROLEPIS EXALTATA BOSTONIENSIS.

We have the finest stock in the West. All our plants are pot-grown bushy stock, well furnished with fronds from the pot up, and cannot be compared with the cheap, long-drawn-up, lifted stock from the beach. A sample shipment will convince you of our superior stock. LET US SHIP YOU NOW.

| 2½-inch pot plants..... | Each | Per doz. | Per 100 |
|-------------------------|--------|----------|---------|
| 3 " " "..... | \$.50 | \$ 4.00 | |
| 4 " " "..... | 1.00 | 8.00 | |
| 5 " " "..... | 2.50 | 20.00 | |
| 6 " " "..... | .50 | 5.00 | 40.00 |
| 7 " " "..... | .75 | 7.00 | 50.00 |
| 8 " " "..... | 1.00 | 9.00 | 65.00 |
| | 1.50 | 15.00 | |

THE NEW FERN

Nephrolepis Scottii.

We have a large stock of this new fern; well-grown pot plants.

| | Per doz. | Per 100 | | Per doz. | Per 100 |
|------------------|----------|---------|------------------|----------|----------|
| 4-inch pots..... | \$5.00 | \$40.00 | 6-inch pots..... | \$15.00 | \$100.00 |
| 5 inch pots..... | 8.00 | 60.00 | 7-inch..... | 18.00 | |

CHICAGO, VAUGHAN'S GREENHOUSES, Western Springs, Ill.

Please mention the American Florist when writing.

AMERICAN BEAUTIES

My Prices are Reasonable.
 My Flowers the Best.
 My Packing None Better.
 My Selection Given Careful Attention.

FOR

THANKSGIVING.

Big Crop on, Fine Flowers.
 Nothing to stop them. Will have 5,000 at least, specially strong, with long stem. Exhibition stock.

Particular attention given in shipping choice flowers well packed. We will be very strong in fine Bride, Liberty, Bridesmaid, Gale and Ivory, also a big supply of select long stem Carnations. We are quoted as having the best in the market; they will be so not only now but continue through the season. With the bright prospects ahead for prosperity of business in general, we solicit your esteemed orders. No order too large and none too small to receive our best attention.

GEO. REINBERG, 51 Wabash Avenue, CHICAGO.

Please mention the American Florist when writing.

EXHIBITION CHRYSANTHEMUMS

| | | |
|-----------------------------|--------------|------------|
| Extra Large Extra Fine..... | \$4.00 | per dozen. |
| Good Fancy Stock..... | 2.00 to 3.00 | per dozen. |
| Good Stock Good Size..... | 1.00 to 1.50 | per dozen. |
| Small..... | .25 to .75 | per dozen. |

FOR THANKSGIVING

—YOU CAN NOT BEAT THE QUALITY OF OUR—
 ROSES, CARNATIONS AND CHRYSANTHEMUMS.

A. L. RANDALL CO.

19 Randolph Street,

CHICAGO, ILL.

Please mention the American Florist when writing.

CHRYSANTHEMUMS...

STOCK PLANTS of Duckham, Balfour, Halliday, White and Yellow Bonafant, Minnie Bailey, Eaton, Pacific, Kalb, Whilldin. A large stock of Ivory. Write for prices.

WM. SWAYNE,

Box 226,

KENNETT SQUARE, PA.

Chrysanthemums.

Stock plants now ready. Large strong and healthy. Glory of Pacific, Polly Rose, Willow Brook, Ivory, Pink Ivory, \$1.00 per doz.; \$6.00 per 100. Monrovia, Robt. Halliday, \$1.00 per doz.; \$7.00 per 100.

Engagements solicited for rooted Carnation Cuttings. Delivery January 1st and later.

H. WEBER & SONS, Oakland, Md.

SPECIALTIES

ROSES, from 3-inch pots,
 CARNATIONS, for all delivery,
 CHRYSANTHEMUMS,
 SMILAX, VIOLETS.

In Best
 Varieties

Prices Low. Send for List.

WOOD BROTHERS,

Fishkill, N. Y.

Grandest Scarlet Extant

Robert Craig

1 9 0 6

THE habit of this grand new variety is superb. It is a stronger grower than Enchantress and just as free. Comes into bloom September 1st, and earlier if desired, the first blooms being **three inches in diameter**, on 24 inch stems. Later in the season the **blooms average 3 3/4 inches**.

Its Merit is Being Demonstrated

FIRST Prize at Philadelphia Exhibition for Best 50 Seedling Carnations.

FIRST Prize for best 25 American Seedlings, winning the Robert Craig Silver Cup.

In winning this Cup, the **Robert Craig Carnation** demonstrates its right to the title of the **BEST AMERICAN SEEDLING EXTANT**.

—And this is not all. Here are more of Our Specialties—

LIGHT PINK

GIBSON BEAUTY
ENCHANTRESS

WHITE

Lieut. Peary
The Belle
Gov. Wolcott
Boston Market
Lady Bountiful

DARK PINK

Nelson Fisher
Mrs. E. A. Nelson
Mrs. T. W. Lawson
Ethel Ward

SCARLET

Flamingo
Estelle
Adonis

CRIMSON

Octoroon
The President
Harry Fenn

VARIEGATED

Mrs. M. A. Patten
Prosperity

You can prove all our claims by Buying and Growing them.
We ship fancy Blooms to all parts of the United States. Cuttings to all parts of the World.

J. D. Thompson Carnation Company

JOLIET, ILLINOIS

Milwaukee.

Business in town is very quiet, with a good demand from out of town. During the early part of last week stock accumulated in the wholesale houses, but Friday and Saturday it cleaned up well. Carnations are improving wonderfully in quality, quite a few now coming in are up to winter quality. Chrysanthemums are nearing the end of the season, but there are still large quantities to be had, but most likely they will be past after Thanksgiving trade.

Holton & Hunkel Company will remove to their new store directly across the street next Monday, so as to be ready for the holiday trade. The new location is acknowledged by all to be the best and most commodious wholesale house in the west. The same firm has also completed new sheds to replace those recently destroyed by fire at their greenhouses.

Milwaukee florists are hustlers, at least they go out to hunt, but the results are very rarely seen. C. C. Pollworth, Fred. Schmeling, Herman Krozeberg and Andrew Austin have been trying their luck with the guns. No results as yet.

Mrs. Ennis, the Plankinton House florist, has installed new furniture in her store, which is now one of the finest in town.

Indications are that from fifteen to twenty Milwaukee florists will take in the Chicago flower show during the week.

Charles Burmeister's carnations are now in excellent condition, as are also those of Heitman & Baerman.

Emil Walker, on Third street, has a very fine lot of cyclamen. He intends to exhibit at the Chicago show.

J. M. Fox has several large decorations on hand for this week. H.

Providence, R. I.

We cannot complain that business has been poor the past two weeks, for chrysanthemums, roses, carnations and violets have met with a steady demand at fair prices. On all counters the chrysanthemum has been the Major Bonaffon retailing from 10 to 20 cents each; on pink and white varieties there has not been much doing, as the Eaton is just beginning to arrive in steady numbers, and the pink sorts are not much called for at present. Carnations are to the quiet side at \$1 to \$2 per hundred, and roses continue plentiful at an average of 3 cents for good stock for regular work. Violets are noticeably shy on account of being shifted; but will begin to arrive in larger quantities now; they bring 50 cents per hundred.

Albert F. Davis has opened a flower store at 615 Westminster street and expects to do a profitable business, as he raises his own flowers out in Elmwood and has had a few years' experience as a grower. He sent his stock to Welch Brothers of Boston for five years, but concluded he could get more out of it in a retail way. W. B. Hazard has sublet half his store to a confectioner, and as he still retains abundant room for the flower end of the business there is good reason to suppose the change is profitable.

The Florists' Club elected new officers at the November meeting and completed a committee to arrange for the annual banquet in January. M. M.

WALTHAM, MASS.—James T. Silman is soon to put a handsome new wagon on the road.

Palmer's Red Lawson

NOW READY!

SPORT FROM THE FAMOUS
MRS. THOMAS LAWSON

Planted May 18th, in full crop middle of August

ROOTED CUTTINGS:

\$10.00 per 100

\$40.00 per 500

\$75.00 per 1000

Ask your *Brother Florist* if he saw it at the Detroit Carnation Show. Ten to one he will say it's a good carnation to grow. Received **CERTIFICATE OF MERIT** at Detroit Carnation Show—scoring 87 pts.

W. J. Palmer & Son

Lancaster, N. Y.

If You Want the **BEST Commercial SCARLET** Carnation Buy

...CRISIS...

Cuttings ready January, 1904. \$2.00 per doz.; \$12.00 per 100; \$100.00 per 1000; \$95.00 per 1000 in 5,000 lots. Prices on larger quantities on application.

DAVIS BROS. CO.,

BLOOMSBURG, PA.

Carnation Rooted Cuttings.

| NOW READY. | | Per 100 | 1000 |
|--------------------------------------|--|---------|---------|
| QUEEN LOUISE, fine white..... | | \$1.20 | \$10.00 |
| ALBA, large white..... | | 1.40 | 12.50 |
| AMERICA, red..... | | 1.00 | 8.00 |
| MRS. POTTER PALMER, big scarlet..... | | 1.20 | 10.00 |
| G. H. CRANE, scarlet..... | | 1.20 | 10.00 |
| ELEGANT, yellow..... | | 1.20 | 10.00 |
| MARSHALL FIELD, barred..... | | 1.40 | 12.00 |
| ARMAND, barred..... | | 1.00 | 8.00 |
| MRS. JOOST, pink..... | | 1.20 | 10.00 |
| LAWSON, pink..... | | 1.40 | 12.50 |
| PRES. MCKINLEY, pink..... | | 1.40 | 12.50 |
| SUCCESS, light pink..... | | 1.20 | 10.00 |
| HARLOWARDEN, crimson..... | | 1.40 | 12.50 |
| GOV. ROOSEVELT, crimson..... | | 1.20 | 10.00 |

UNROOTED CUTTINGS HALF PRICE.

TERMS: Cash with order or C. O. D. with privilege of examination. Express prepaid at above prices. All plants warranted true to name and well-rooted.

HERMITAGE CARNATION CO., Loomis, Cal.
Please mention the American Florist when writing.

Carnation Plants.

Fine Large and Healthy Field-Grown Plants. Extra Good. \$5.00 per 100; \$45.00 per 1000.

Terms cash at these prices.

| | |
|--------------------------------------------|--------------------|
| 1,000 Scott, | 500 Glacier, |
| 500 Flora Hill, | 500 Morning Glory. |
| 500 Marquis. If sold alone \$6.00 per 100. | |
| 600 Crane, | |

J. C. RENNISON, Sioux City, Ia.

Wm. P. Craig, 1224 Cherry St., Philadelphia, Pa.

Representing Joseph Heacock and John Burton, Assignees.

PALMS, FERNS, CROTONS and DECORATIVE PLANTS.

Field-Grown

Carnations

It Has Been a Good Growing Season
With Us and Plants are in Fine
Shape, Strong and Bushy.

| WHITE. | Per 100 | 1000 |
|-------------------|---------|-------|
| FLORA HILL..... | 3.50 | 30.00 |
| Peru..... | 3.50 | 30.00 |
| Queen Louise..... | 3.50 | 30.00 |

| PINK. | | |
|------------------------|--------|---------|
| Mrs. T. W. Lawson..... | \$6.00 | \$50.00 |
| Mrs. Nelson..... | 3.50 | 30.00 |
| Mrs. Higinbotham..... | 3.50 | 30.00 |
| Guardian Angel..... | 3.50 | 30.00 |
| McKinley..... | 3.50 | 30.00 |

| RED. | | |
|------------------|------|-------|
| Chicago..... | 3.50 | 30.00 |
| Mrs. Inc..... | 3.50 | 30.00 |
| Estelle..... | 6.00 | 50.00 |
| Harlowarden..... | 4.50 | 40.00 |

| VARIEGATED. | | |
|-----------------|------|-------|
| Mrs. Bradt..... | 3.50 | 30.00 |

All Stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.

PETER REINBERG,
51 Wabash Ave., CHICAGO.

Please mention the American Florist when writing.

Chrysanthemums

MAJESTIC

... WAS THE ...

Best One Hundred White

... AT THE GREAT ...

World's Fair Flower Show

St. Louis, November 7-12

ADELIA

A Companion to the Above

MADONNA

A Fine Pink, one you will hear about

Carnations

WHITE LAWSON--The Best White at St. Louis. Won out over all other Whites.

FLAMINGO--The Best Scarlet at St. Louis. Won out over all other Scarlets.

We Can Supply You Early Delivery of the Above

WRITE US FOR PRICES AND BOOK YOUR ORDERS AT ONCE.

KEEP YOUR EYE ON OUR NEW ROSE

LA DETROIT

JOHN BREITMEYER'S SONS

Miami and Gratiot Aves.

DETROIT, MICH.

Boston Ferns

Nice, clean stock, from 2½-inch pots, \$5.00 per 100; 3-inch pots, \$8.00 per 100. Cut from the bench, suitable for 4-inch, 5-inch, 6-inch pots, at \$15.00, \$20.00 and \$25.00 per 100.

ARAUCHARIA EXCELSA, 5-inch pots, 3 to 4 tiers, 50c each, or \$5.00 per doz.

Ocean Park Floral Co.,

E. J. VAWTER, Pres. OCEAN PARK, CAL.
Please mention the American Florist when writing.

Boston Ferns.

Strong bushy plants, from bench, ready for 5-inch pots, 20c each.

ASPARAGUS SPRENGERI.

2½-inch, very strong, ready for immediate shift, \$2.50 per 100; \$20.00 per 1000. Cash.

H. N. EATON, So. Sudbury, Mass.

FERNS for FERNERIES

All the popular sorts. Fine bushy plants, 2½-inch pots, \$6.00 per 100.

Chas. A. Knapp,

CHESTNUT HILL, PA.

Please mention the American Florist when writing

Boston Ferns.

From bench, \$1.50 to \$10.00 per 100.

ASPARAGUS SPRENGERI, own stock, in fine shape, 2-inch, 2c; 2½-inch, 3c.

CANNAS, in twenty best varieties, \$2.00 per 100.

W. W. COLES, Kokomo, Ind.

FERNS for FERNERIES

MIXED PTERIS and CYRTOMIUM FALCATUM.
\$30.00 per 1000.

E. HOBBS CO.,

3112-14-16 Indiana Ave., CHICAGO, ILL.

FERNS.

We are headquarters in the West for these as well as PLUMOSUS and SPRENGERI. All sizes. Write

GEO. A. KUHLE, Pekin, Ill.

BOSTON FERNS.

4-inch, \$15.00; 5-inch, \$25.00; 6-in., \$40.00; 7-inch, \$80.00; 8-inch, \$75.00 per 100. Any number at these prices. All short bushy pot-grown plants that are sure to please.

DAVIS BROS., MORRISON, ILL., and GENEVA, ILL.

BOSTON FERNS.

Extra fine stock, cut from bench now ready for 5, 6, 7 and 8-inch pots, at \$25.00, \$50.00, \$75.00 and \$100.00 per 100. KENTIAS, RUBBERS, ASPARAGUS PLUMOSUS NANUS. Cash or reference please.

L. H. FOSTER, 45 King St., DORCHESTER, MASS.

PALMS, FERNS

AND

Decorative Plants.

R. DREYER, Woodside, L. I., N. Y.

CLEARY'S Horticultural Hall

62 Vesey Street
N. Y.

AUCTION

Sale of Plants, Etc., every Tuesday and
Friday at 11 a. m.

EXCEPTIONAL FACILITIES FOR DISPLAYING STOCK

OUR CONSIGNORS ARE REPRESENT-
ATIVE IMPORTERS AND GROWERS

Telephone 7313 Cort.

Catalogues issued for every
sale, mailed upon request.

Prompt attention given to
orders by mail, etc.

Rose Sale Extraordinary
Tuesday Nov. 22.

HINODE FLORIST Co.

FIFTH STREET,
WOODSIDE, N. Y.

AND
WHITESTONE, L. I.

Tiny Plants

In 1, 2 and 3-inch decorated Japanese pots, \$15, \$20 and \$25 per 100.

CASH WITH ORDER

LARGEST
GROWERS OF
EASTER LILIES.



Fine AZALEAS and WISTARIAS.

5 TO 15 SHOOTS

RHAPIS

50 CENTS EACH.

....JAPANESE NOVELTIES....

HINODE FLORIST CO.

WM. DUCKHAM

STOCK PLANTS.

The best pink 'mum to date is Wm. Duckham. Read the reports from all the shows all over the country. You cannot make a mistake in stocking up heavily with this fine 'mum. Everybody will want to grow it next year. I have the largest stock in the west and can offer strong stock plants at 25c each; \$2.50 per dozen.

Also Monrovia, Halliday, Marion Newell, Vallis, Salter, Alice Byron, Coombes, Liger, Yanariva, white and yellow Eaton, white and pink Ivory, white and yellow Bonnaillon, white and pink Pacific, Chadwick, Convention Hall, Shaw, Mrs. Chamberlain, each 10c; \$1.00 per dozen.

—CASH WITH ORDER.—

GUNNAR TEILMANN,
MARION, IND.

Please mention the American Florist when writing.

BEGONIA

Gloire de Lorraine.

Fine healthy cool Grown stock.

2-in. stock, 10c each 5-in. stock, 75c each
3-in. stock, 20c each 6-in. stock, \$1.00 each
4-in. stock, 40c each 7-in. stock, 2.00 each

Poinsettias Just coloring, 8-in. pans, \$1.50 each; 4-in. pots, 1 to 2 bracts, per bract, 25c.

Christmas Pepper Fine stock, 4-inch, 15c each; 5-inch, 25c each.

Fine lot of **PTERIS SERRULATA**, 2-inch, \$4.00 per 100. Sale arrival guaranteed.

A. JABLONSKY, WELLSTON,
ST. LOUIS, MO.

Please mention the American Florist when writing.

Giant Pansies

\$2.00 per 1000. Colors the best. Sure Sellers.

Daisies, Snowball, \$2.00 per 1000, Longfellow, small plants.

Petunias, double, 12 fine sorts, 2-in., 2c; Rooted Cuttings, 2c. **Baby Primrose**, 2-in., 1½c. **Helle-trope**, blue, 2-in., 1½c; R. C., 2c. **Alternanthera**, red and yellow, R. C., ½c. **Asparagus Sprengeri**, 2-in., 2c. **Plumoseus Nanus**, 1½-in., 2c; 3-in., 5c. Rooted cuttings, prepaid. Cash.

BYER FLORAL COMPANY, Shippensburg, Pa.

Please mention the American Florist when writing.

For Sale.

500 Hydrangea Plants, **Hortensia Japonica**. Extra strong field-grown plants. Will take 7 to 8-inch pots, at \$15.00 per 100.

Schluraff Floral Co.,
2406 Poplar St., ERIE, PA.

Wm. Duckham

THE ONLY PINK 'MUM. Immediate delivery, 15c each; \$1.50 per doz.

Emil Glauber,
Montclair, Colo.

NOTHING AHEAD.

Concord Junction, Mass.

Please ship 100 lbs. Fumigating Kind by fast freight. IT'S THE BEST STUFF I ever used—far ahead of anything on the market.

L. COUSINS, JR.

See page 710.

250,000 Rooted Carnation Cuttings.

ORDERS FILLED PROMPTLY ON ARRIVAL.

| PINK. | Per doz. | 100 | 1000 |
|----------------------------|----------|--------|---------|
| Enchantress, light..... | 60c | \$3.50 | \$30.00 |
| Marquis, light..... | 20c | 1.00 | 10.00 |
| Lawson, dark..... | 30c | 1.40 | 12.50 |
| Genevieve Lord, light..... | 20c | 1.00 | 10.00 |
| Joost, cerise..... | 20c | 1.00 | 10.00 |
| Success, light..... | 20c | 1.00 | 10.00 |
| Mermaid, light..... | 20c | 1.00 | 10.00 |
| Cressbrook..... | 20c | 1.00 | 10.00 |

| WHITE. | Per doz. | 100 | 1000 |
|-------------------|----------|------|-------|
| Flora Hill..... | 20c | 1.00 | 10.00 |
| Queen Louise..... | 20c | 1.00 | 10.00 |
| Wolcott..... | 20c | 1.00 | 10.00 |
| Alba..... | 25c | 1.50 | 15.00 |
| Norway..... | 20c | 1.00 | 10.00 |

| SCARLET. | Per doz. | 100 | 1000 |
|------------------|----------|------|-------|
| G. H. Crane..... | 20c | 1.00 | 10.00 |
| America..... | 20c | 1.00 | 8.00 |

| CRIMSON. | Per doz. | 100 | 1000 |
|------------------------|----------|------|-------|
| Gov. Roosevelt..... | 25c | 1.50 | 15.00 |
| Harlowarden..... | 25c | 1.20 | 12.50 |
| Gen. Gomez, light..... | 20c | 1.00 | 10.00 |

| YELLOW. | Per doz. | 100 | 1000 |
|---------------|----------|------|-------|
| Eldorado..... | 20c | 1.00 | 10.00 |

| VARIEGATED. | Per doz. | 100 | 1000 |
|----------------------------|----------|------|-------|
| Prosperity, fancy..... | 25c | 1.40 | 12.50 |
| Violania, still ahead..... | 1.50 | 5.50 | 50.00 |
| Marshall Field..... | 25c | 1.40 | 12.50 |
| Armazindy..... | 20c | 1.00 | 8.00 |

ASPARAGUS PLUMOSUS NANUS.

3½-inch.....per 100, \$3.50; per 1000, \$30.00 New Crop Seed, per 1000.....\$5.00

Cash or C. O. D., with Privilege of Examining.

Western Carnation Company

ROCKLIN, CAL.

Rooted CARNATION CUTTINGS

NOW READY

THESE LOW PRICES GOOD ONLY UP TO DECEMBER 25th....

| WHITE. | Per 100 | 1000 |
|-------------------|---------|---------|
| Queen Louise..... | \$1.00 | \$10.00 |
| Flora Hill..... | 1.00 | 10.00 |
| Alba..... | 1.40 | 12.50 |
| Gov. Wolcott..... | 1.00 | 10.00 |
| Norway..... | 1.00 | 10.00 |
| Lillian Pond..... | 1.40 | 12.50 |
| Chicot..... | 1.20 | 10.00 |

| PINK. | Per 100 | 1000 |
|---------------------------|---------|-------|
| Mrs. Thos. Lawson..... | 1.40 | 12.50 |
| Enchantress..... | 4.00 | 35.00 |
| Mrs. Joost..... | 1.00 | 10.00 |
| Success..... | 1.00 | 10.00 |
| Mermaid..... | 1.00 | 10.00 |
| Cressbrook..... | 1.00 | 10.00 |
| Pres. McKinley..... | 1.40 | 12.50 |
| Mrs. Theo. Roosevelt..... | 1.40 | 12.50 |

| SCARLET. | Per 100 | 1000 |
|------------------|---------|-------|
| G. H. Crane..... | 1.00 | 10.00 |

| SCARLET. | Per 100 | 1000 |
|--------------------|---------|-------|
| America..... | 1.00 | 10.00 |
| Potter Palmer..... | 1.00 | 10.00 |
| Estelle..... | 1.40 | 12.50 |
| J. H. Manley..... | 1.50 | 15.00 |
| Apollo..... | 1.50 | 15.00 |

| CRIMSON. | Per 100 | 1000 |
|---------------------|---------|-------|
| Harlowarden..... | 1.40 | 12.50 |
| Gov. Roosevelt..... | 1.20 | 10.00 |

| YELLOW. | Per 100 | 1000 |
|--------------------|---------|-------|
| Golden Beauty..... | 1.40 | 12.50 |
| Eldorado..... | 1.00 | 10.00 |

| VARIEGATED. | Per 100 | 1000 |
|---------------------|---------|-------|
| Prosperity..... | 1.40 | 12.50 |
| Marshall Field..... | 1.40 | 12.50 |
| Stella..... | 1.40 | 12.50 |
| Armazindy..... | 1.00 | 10.00 |
| Viola Allen..... | 1.20 | 11.00 |
| Gaiety..... | 1.20 | 11.00 |

Special prices on large lots. Unrooted pips at half price of above. 25 at 100; 250 at 1000 rates. Express prepaid at above prices. Cash or C. O. D. with privilege of examining.

LOOMIS FLORAL COMPANY, Loomis, Cal.

ROOTED CARNATION CUTTINGS.

JANUARY DELIVERY.

ALL ORDERS FILLED IN ROTATION.

| Per 100 | Per 1000 |
|---------------------------------------------|-----------------------------------|
| Mrs. M. A. Patten.....Variegated.....\$6.00 | Queen.....white.....\$3.00 |
| White Lawson.....6.00 | Boston Market.....white.....3.00 |
| Flamingo.....scarlet.....6.00 | Queen Louise, Lawson.....2.00 |
| Albatross.....white.....6.00 | J. H. Manley.....scarlet.....2.00 |
| Enchantress.....3.50 | Challenger.....scarlet.....2.00 |

Write for Prices on Large Lots. 5 Per Cent Discount for Cash with Order.

JAS. D. COCKCROFT, Northport, L. I., N. Y.

Rose Plants

| Per 1000 |
|-----------------------------------------|
| 3½-inch Gate and Bridesmaid.....\$30.00 |
| 2½-inch Golden Gate.....20.00 |

Poehimann Bros. Co., Morton Grove, Ill.

We Are Selling Agents

—FOR—

GIBSON BEAUTY and WHITE SWAN CARNATIONS. Shall be pleased to have you correspond with us in regard to prices. Write

GEO. A. KUHLE, Pekin, Ill.

Edward A Beaven,

HIGH-GRADE SOUTHERN WILD SMILAX

AND FLORISTS HARDY DECORATIVE SUPPLIES.

Mr. Florist Man,

EVERGREEN ALA NOV. 15, 04,

Everywhere.

Dear Sir:-

DON'T YOU BELIEVE, you will be held accountable for all of your little slips even to "APPARENTLY JUSTIFIABLE, JUDICIOUS CURSINGS?"

Do you THINK FOR AN INSTANT you will escape a chalk mark against you for the very genteel job of CURSING you "PUT UP," on account of failure to get that last lot, or several lots, of SOUTHERN SMILAX, you so guilelessly looked for and depended upon.

"DON'T YOU BELIEVE IT!!!

IT WAS YOUR OWN FAULT.

You should have ordered from ONE who could supply it, AND YOU WILL BE HELD ACCOUNTABLE JUST THE SAME.

Be warned, Oh, Brother, there is only one way to avoid trouble (and cursings.)

My agents L. J. Kreshover, New York, J. B. Deamud, Chicago, W. F. Kasting, Buffalo, will help you out, or if you prefer it,

Your humble servant,

E. A. Beaven

(Largest dealer in GREEN GOODS in America. Let me figure on your Christmas business.)

New Carnation WM. PENN.

A PINK that will supersede Scott, Joost, Florida and Nelson. We want every grower to try this variety; you cannot make a mistake in buying it by the thousand; if you do not want to try that many, get a hundred or even twenty-five, you will then be in the market the following year for a quantity. This is not a one year carnation and we want every grower to buy some.

A Companion to, not a rival of "FIANCEE,"

—Send For List.—

PRICE, per 100, \$10; per 1000, \$75; per 25, \$2.50.

ALBERT M. HERR, Lancaster, Pa.

F. L. KOHR, Lancaster, Pa.. R. F. D. No. 3.

LAPEER, MICHIGAN

... FOR ...

Carnation Blooms.

STRICTLY HIGH GRADE STOCK AT MODERATE PRICES.

Over 40,000 plants, all in the pink of condition. Also Roses, Callas, Mums, Asparagus and Smilax.

WE MAKE LONG DISTANCE
SHIPMENTS.

W. H. WATSON, LAPEER, MICH.

NEW HARDY ANNUAL.

The Gold Medal Carmine-Flowered Tobacco Plant

Nicotiana Sanderae

Silver Medal Massachusetts Horticultural Society, Boston, November 3, 1904.

Seeds in original packets from all seedsmen throughout the United States.

Gold Medal, London, 1903. Gold Medal, Royal Horticultural Society of England, 1904. First-class Certificate and Barksean Medal by 24 members of Floral Committee, R. H. Society.

Particulars, colored illustrations, etc., from

SANDER & SONS, ST. ALBANS, ENGLAND.

WHOLESALE AGENTS FOR THE UNITED STATES:

HENRY A. DREER, Chestnut St., Philadelphia, Pa.
J. M. THORBURN, Cortlandt St., New York.VAUGHAN'S SEED STORE, Chicago and New York.
Please mention the American Florist when writing.**Seed Bags**

FOR THE TRADE.

We manufacture a full line in Manila, White, Amber or Colored Laid Papers. Also print in quantities.

Samples on application.

— THE —

Brown Bag-Filling Machine Co.
FITCHBURG, MASS.**RAFFIA**

SAMPLES FREE.

We carry a large assortment of **COLORÉD RAFFIA GRASS** on hand for immediate delivery. Every strand is dyed its entire length.

PRIME QUALITY.

R. H. COMEY CO.

Dyers, Camden, N. J.

Please mention the American Florist when writing.

Peacock's .. Dahlias

For plants or bulbs address

L. K. PEACOCK,

Dahlia Specialist, ATCO, N. J.

— FOR —
Artificial Flowersand PREPARED PALMS
Go to Headquarters.Clare & Scharrath, Mfgs.
170 E. Madison St., Chicago.**Long Distance THERMOMETERS**REGISTER CAN BE READ
TEN FEET AWAY. 20c**WM. ELLIOTT & SONS, New York.**

It is good business policy to mention

The....
AMERICAN FLORIST

When you write to an advertiser.

LILY OF THE VALLEYOur Valley RECEIVED FIRST PRIZE
at the St. Louis World's Fair....**FLOWER SHOW**ORDER NOW YOUR PIPS FROM COLD STORAGE
FOR CHRISTMAS.\$1.75 PER 100 } \$15.00 PER 1,000
\$35.00 PER CASE OF 2,500

FANCY CUT VALLEY ALWAYS ON HAND

H. N. BRUNS,

1409-1411 W. Madison St., CHICAGO

THE

Albert Dickinson Company**SEED MERCHANTS**

MINNEAPOLIS

CHICAGO

LAWN GRASS SEED**GOLF MIXTURES**

SPECIAL PRICES TO DEALERS

J. M. Helm's Sons
GROSSTABARZ, GERMANY,
WHOLESALE SEEDSMEN.

ESTABLISHMENT FOR DRYING CONIFEROUS TREE SEEDS.

SPECIALTIES:

Forest Tree, Shrub, Grass and Clover Seeds.

— CATALOGUES POST FREE ON APPLICATION. —

Railway Station, WALTERSHAUSEN, near Eisenach.

Established 1788.

LILY OF THE VALLEYForcing pips. Very fine variety.
Apply to**JULIUS HANSEN,**
Pinneberg, Germany.**PURE CULTURE Mushroom Spawn**

Grown for the Winter Trade. Now ready. Send for our circular on "Mushroom Spawns."

PURE CULTURE SPAWN CO.
COLUMBIA, MO.

NOW IS THE TIME TO SOW

Vaughan's Giant-Flowered Cyclamen Seed.



Our seed has been grown by us by a Cyclamen specialist in Europe. This is the third season we are handling his entire crop. The seed is saved only from perfect plants. Shape and size of flowers, foliage and stems and general habit are points on which our seeds are selected. There is no better Cyclamen seed in the market.

| | |
|-------------------------------------------|-----------------------------|
| Pure White (Mont Blanc)..... | 100 seeds, 65c; |
| Dark Crimson..... | 1000 seeds, \$5.00. |
| Rosa von Marienthal, "Daybreak" Plak..... | 250 seeds at the 1000 rate. |
| Dark Rose..... | |
| White with carmine eye..... | |

RUBIN, new, the darkest good red, 100 seeds, \$1.50

WHITE FRINGED, very fine flower, 100 seeds, \$1.00.

EXTRA CHOICE MIXED, per 100 seeds, 50c; 250 seeds, \$1.15; 1000 seeds, \$4.50; 5000 seeds, \$20.00.

NEW GIANT ORCHID—Flowered Cyclamen.

These are exceptionally fine, with very large flowers that are frilled and fringed in wonderful fashion. They are splendid sellers in the Chicago market and our seed is direct from the originator.

| | |
|------------------------------------------|------------------------------|
| Pure White, Red, Plak..... | Each, per 100 seeds, \$1.00; |
| White, with Carmine Eye, Lilac Colored } | 1000 seeds, \$9.00. |

GIANT ORCHID-FLOWERED CYCLAMEN in choicest mixture, 25 seeds, 25c; 100 seeds, 85c; 1000 seeds, \$8.00.

10 PER CENT SPECIAL CASH DISCOUNT. On orders over \$2.00 for Flower Seeds if the cash is enclosed. 10 per cent. This discount does not apply to Asparagus Seed. Cash discount on this is 2 per cent.

VAUGHAN'S SEED STORE,

NEW YORK:

14 Barclay Street.

CHICAGO:

84-86 Randolph Street.

GREENHOUSES: WESTERN SPRINGS, ILL.

Free on Board (f.o.b.) ST. Louis

ARID-CLIMATE

Rose Bushes

FIELD-GROWN. OWN ROOTS.

Write for printed prices and list of varieties.
Choice assortment leading kinds.
Spring shipments only.

CHASE ROSE CO.

(Incorporated.)

RIVERSIDE, CALIFORNIA.

For Fall Trade.

WE OFFER AN IMMENSE STOCK OF

WIER'S CUT LEAF MAPLES, TULIP TREES,
AZALEA INDICA. (Home Grown.)
GARDENIAS,

MAGNOLIA GRANDIFLORA,
ORANGES and LEMONS (Grafted).

RUBBERS, KENTIAS, LATANIAS,
CHAMÆROPS, PHENIX and a
GENERAL LINE OF NURSERY STOCK.

All Healthy and Clean. Write for prices.

P. J. BERCKMANS CO., Inc.,

Fruitland Nurseries, AUGUSTA, GA.

Please mention the American Florist when writing.

SEED GROWERS

— OF —

Sweet, Field and Pop Corn, Cucumber, Melon and Squash Seed

We have a Surplus to offer. Be kind enough to ask for SAMPLES
and PRICES before Placing Orders.

A. A. BERRY SEED CO.,

CLARINDA, IOWA.



Send to

THE MOON

Company

For } Trees, Shrubs, Vines
Your } and Small Fruits.

Descriptive Illustrated Catalogue Free
THE WM. H. MOON CO.
Morrisville, Pa.

Haerens Exotic Nurseries,
SOMERGEM, CHENT, BELGIUM.

Furnish PALMS, ARAUCARIAS, BAY TREES, FIGUS and
other decorative plants for 1905. Spring delivery,
in prime quality, carefully packed. For trade list
address the American Agents

August Rölker & Sons

31 Barclay St., P. O. Box 752, NEW YORK.

Philadelphia Rambler.

Flowers brighter and much more double
than Crimson Rambler, strong grower,
blooms earlier and does not bleach out.

2½-inch plants.....\$6.00 per 100; \$50.00 per 1000
4-inch plants..... 2.00 per doz.; 15.00 per 100
6-inch plants..... 3.00 per doz.; 22.50 per 100

The Conard & Jones Co., WEST GROVE,
PA.

Jacs Smits, Ltd. NAARDEN
(Holland.)

(BRANCH AT BOSKOOP.)

Wholesale Growers of Hardy Fancy,
Ornamental
nursery stock, pot-grown forcing plants. Lilacs
a specialty. Berlin and Hamburg Valley—the
best quality. Catalogue free on demand.

When in Europe please inspect our nurseries.
NAARDEN-BUSSUM, near Amsterdam, is our R. N. Depot.

California Privet.

| | Packing free. | Per 100 | 1000 |
|-----------------------------------------------------|---------------|---------|---------|
| 50,000 3 years, 2½ to 3 feet..... | | \$3.00 | \$28.00 |
| 50,000 2 years, 3 to 4 feet..... | | 2.75 | 25.00 |
| 200,000 2 years, 2 to 3 feet..... | | 2.25 | 20.00 |
| 200,000 2 years, 20 to 24 inches..... | | 2.00 | 15.00 |
| 50,000 2 years, 15 to 20 inches..... | | 1.75 | 12.00 |
| 400,000 1 year, 12 to 18 inches..... | | 1.00 | 8.00 |
| Cuttings, Feb. and March, 8 in. | | | .75 |
| 200 Trees, 3 years, heads 4 to 5 feet, each..... | | | 20c |

Two and three year have been cut back and
transplanted, which makes them very bushy,
with fine roots.

800,000 ASPARAGUS ROOTS. Per 1000
Palmetto and Barr's Mammoth, 2-year.....\$3.00
Palmetto and Barr's Mammoth, 1-year..... 2.50

Write for Trade List. Remember, packing free
on fall delivery.

J. H. O'HAGAN, Little Silver, N. J.
RIVER VIEW NURSERIES.

Surplus Stock. Clematis, pot-grown, in
leading var., with 50%
Jackmanol, 3 to 4 feet high, 1 to 3 shoots, \$65.00
per 1000. Clematis, field-grown, 2 to 3 years old,
strong shoots, with 50% Jackmanol, \$120.00 per
1000. Tree Roses, in leading var., strong heads
and stems, \$160.00 per 10.0. Low budded Roses in
leading var., 2 years old, \$40.00 per 1000. Climbing
Roses, in leading var., 3 to 4 feet high, with plenty
of shoots, \$70.00 per 1000. Turner Crimson Ramblers,
3 to 4 feet high, strong shoots, \$50.00 per 1000.

Caprifolium, (Honeysuckle) in var.: 5 feet high,
strong shoots, \$12.00 per 100. Viburnum Opulus.
(Snowball), strong shrubs, 2 to 3 feet high, \$70.00
per 1000. Lilacs, field-grown, 3 years old, in var.,
as Mary Legraye and Charles X., \$11.00 per 100.

This quotation is only for a short while and you
better take advantage of it at once. All other
nursery stock prices upon application.

W. Van Kleef & Sons, Boskoop, Holland.

NO AGENTS. NO AGENTS.

RESULTS! RESULTS! RESULTS!

Middletown, Conn.
Kindly send me 100 lbs. Fumigating Kind;
the last I had gave me better results than any
form of tobacco I ever used.

H. C. BEEBE.

See page 710.

Prepare for HOLIDAYS while the weather is warm. Holiday Plants. Order Now.

HEADQUARTERS FOR

ARAUCARIA EXCELSA

Cheaper and Better than anywhere else. Have the largest stock in Philadelphia.

5½-inch pots, bushy plants, 10 to 12-inches high, 3 tiers, 50c.

5½-inch pots, 13 to 15 inches high, 3 to 4 tiers 60c.

5½ to 6-inch pots, 17 to 19 inches high, 3, 4 and 5 tiers, 75c.

6-inch pots, 20, 22, 24 inches high, 4, 5 and 6 tiers, 80c, 90c and \$1.00 each.

GREAT BARGAINS IN KENTIA PALMS.

4000 KENTIA FORSTERIANA, 4-inch pots, made-up 20c.

KENTIA FORSTERIANA and BELMOREANA, 6-inch pots, 5 to 7 leaves, 30 to 40 inches high, 75c to \$1.00 each.

KENTIA FORSTERIANA, made-up plants, 7-inch pots, 40 to 48 inches high, with 6 smaller, about 18 to 20 inches high, set around, \$1.50 each.

COCOS WEOCELLIANA, 3-inch pots, very strong, \$1.20 per 100.

ASPARAGUS PLUMOSUS NANUS, 3-in. pots, strong, \$6.00 per 100; 4-inch pots, \$12.00 per 100.

FICUS ELASTICA, (Home Grown Rubbers,) 5, 5½, 6-inch pots, from 10 to 17 leaves, 16 to 27 inches high, 30c, 40c, 50c each. Specimens in 6 and 7-inch pots, very strong and bushy, 30 inches high, 75c each.

ARECA LUTESCENS, made-up plants, 3 in a pot, 6-inch, 30 to 35 inches high, 75c; 5½-inch pot, 30 inches high, 3 in a pot, 50c; 5-inch, 25 to 30 inches high, 3 in a pot, 30c.

LATANIA BORBONICA, 6 inch pots, 50c.

PIERSONI FERNS, 5-inch pots, 25c.

BOSTON FERNS, 5 to 5½-inch pots, 25c, 30c and 40c; 6-inch pots, 18 to 20 fronds, 50c. Specimen 7-inch, very large, 75c to \$1.00 each. 8-inch pots, as large as a bushel basket, \$1.25 to \$1.50 each; worth \$3.00.

MIXED FERNS, for dishes, very straight plants, 2½-inch pots, \$5.00 per 100.

ADANTUM CUNEATUM, 4-inch pots, \$10.00 per 100.

PRIMROSES for Xmas blooming, now in bud and showing color, \$1.80 per dozen.

SOLANUM, Jerusalem Cherries, full of fruit, 6-inch pots, \$2.00, \$2.50 to \$3.00 per dozen.

AZALEA INDICA for Xmas blooming unusually fine this year, Deutsche Perle, Simon Mardner, etc., 75c, \$1.00 and \$1.50 each. Place order now.

Just received from Belgium PHOENIX CANARIENSIS, 4 feet high, 4 feet wide, 14 perfect leaves, 8-inch pot. They are all perfect jewels; good for decoration, only \$2.00 each; worth \$5.00.

DRACENA BRAUNTI, 6-inch pots, 50c.

PLEASE READ

CINCINNATI, O., Sept. 29, 1904.

MR. GODFREY ASCHMANN.

Dear Sir:—Many thanks for the prompt delivery, and for the fine stock. The plants arrived all right and were very satisfactory. The palms were very nice and were packed securely. We are also greatly obliged for the price list of plants for Christmas and should we desire to buy any we would surely call upon you.

HOFFMEISTER FLORAL COMPANY,
813 Elm Street, Cincinnati, O.

Cash with order please. All goods travel at purchasers' risk.

Godfrey Aschmann,

Wholesale Grower and Importer of Pot Plants.
Bell Phone Tioga 3669 A.

1012 Ontario St., Philadelphia, Pa.

Please mention the American Florist when writing.

Southern Wild Smilax

Choice stock, well packed, 50 lb. case, \$6.00, will cover about 600 square feet. 25 lb. case, \$3.25 will cover 300 square feet.

Galax Leaves. Brilliant bronze or green, selected stock full count, \$1.00 per 1000; \$3.75 per 5000.

Leucothoe Sprays, green, 90c per 100, \$7.50 per 1000.

Sphagnum Moss, large bale, \$1.75; by freight \$1.00.

Green Sheet Moss, beautiful color, clean stock, \$2.50 per bbl. sack.

Immortelles, new crop, red, white, blue, purple, orange, pink, green or black, \$2.75 per doz. bun's; yellow, \$2.25 per doz. bunches.

ALL KINDS OF FLORISTS' SUPPLIES.

Tel. 597 Madison Square. L. J. KRESHOVER,
110-112 W. 27th St., New York.

Please mention the American Florist when writing.

ROSES! ROSES!

A. ROBICHON FILS, Olivet, Orleans, France.

SPECIAL OFFER OF FIRST-CLASS STOCK AT
LOW PRICES FOR AUTUMN DELIVERY.

Over Half a Million Dwarfs (Grafted on Briar Stock; Novelties). 50,000 Dwarf-Budded, Standards, Etc., also Fruit Tree Stock.

Orders rapidly executed, and in rotation. 1904-5 Catalogue to be had Free on Application. Persons unknown to me will kindly send remittance with order.

Crimson Ramblers.

HOME-GROWN, OWN ROOTS.

Extra strong, two-year, 4 to 6 feet long, per 10.....\$1.65 per 100.....\$15.00

First size, two-year, 4 feet long, per 10.....1.50 per 100.....12.00

ARTHUR T. BODDINGTON, SEEDS, BULBS, PLANTS, NEW YORK.
342 West 14th St.,

CHOICE CALIFORNIA PRIVET.

Well Branched and Finely Rooted.

3-yr. old. Per 100 1000 2-yr. old. Per 100 1000

3 to 4 feet...\$3.00 \$28.00 3 to 4 feet...\$2.50 \$22.50

2½ to 3 feet 2.50 22.50 2 to 3 feet... 2.00 18.50

2 to 2½ feet 2.00 17.00 1½ to 2 feet 1.60 13.50

Packing free. Cash with order. 10% OFF for CASH.

ATLANTIC COAST NURSERIES,

Office, 606 4th Avenue, Asbury Park, N. J.

Please mention the American Florist when writing.

When in Europe come and see us and inspect our extensive Nurseries. Gouda is our railroad depot.

HARDY, FANCY ORNAMENTAL NURSERY STOCK.

J. Blaauw & Co.,
BOSKOOP, HOLLAND.

Catalogue free on demand. Headquarters for the famous Colorado Blue Spruces, purest, bluest strains

Please mention the American Florist when writing.

15,000
VINCAS

both colors GEORGE BALDWIN,

2½-INCH. ONLY 2c. OAK PARK, ILL.

TREES and SHRUBS.

FINE VARIETIES. LOW PRICES.

For both Wholesale and Retail Trade. Send for catalogue.

Peterson Nursery, Lincoln & Peterson Aves.,
CHICAGO, ILL.

VERBENA KING



We are Headquarters for the following Rooted Cuttings:

Verbenas, Coleus Alternantheras, Salvias, Lantanas, Heliotropes, Ageratum and Cuphas

Satisfaction and safe arrival guaranteed in every respect. Express prepaid on airrooted cuttings.

C. HUMFELD, Clay Center, Kan.

EVER
BLOOM
ING

THE BEST ROSE NOVELTY

Dwarf
Crimson
Rambler

Vaughan's
Seed Store
CHICAGO,
NEW YORK.

ORDERS BOOKED NOW.

Please mention the American Florist when writing.

The Cottage Gardens Co.

(Incorporated.)

Queens, Long Island, New York.

Nursery Book, giving descriptions of nursery stock, peonies, etc., mailed upon application.

BAYS.

JULIUS ROEHRS,
RUTHERFORD, N. J.

Pæonias.

In six distinct named kinds, very low to the trade, in white bluish, rose variegated, red and crimson. \$1.50 per doz., \$8.00 per 100; \$75.00 per 1000. 500 at 1000 rate.

PANSIES.

In six separate colors, black, blue, red, white, purple and yellow, in nice plants, \$3.00 per 1000; by mail 50c per 100.

F. A. BALLER, Bloomington, Ill.

Peonies....

A very select assortment; more than 150 choice varieties, containing the best standard kinds.

HARDY ORNAMENTAL NURSERY STOCK in great variety at low prices. Ask for Wholesale Trade List.

J. DYKHUIS & CO., BOSKOOP, HOLLAND.

CONCLUSION O. K.

Muskogee, Ind. Ter.
Well, I have come to the conclusion that your tobacco powders are all O. K. I want you to ship 100 lbs. Black Stuff Fine; 100 lbs. Flaming Kind. Ship at once. Hope it will get here before the bugs eat me up.

C. W. MOORE.

See page 710.

FIANCEE

SWEPT THE DECKS

IN THE FINE CARNATION DISPLAY AT THE GREAT
CHICAGO SHOW THIS WEEK.

GET YOUR ORDER IN QUICKLY.

Chicago Carnation Co.
Joliet, = = Ill.

RED SPORT == OF == MACEO

The New "Bread and Butter" Red Carnation.

General Maceo Carnation is known the country over as the most prolific, healthy and easiest doer, with the hardest constitution of any Carnation that was ever introduced. We have a brilliant "Crane" Red Sport of this variety, now in its fourth year, that retains all the characteristics of the old variety except color. Growing side by side, it will be noticed that **RED SPORT** has a little stiffer stem, a larger flower and a heavier growth than the old variety.

WHAT WE CLAIM FOR "RED SPORT."

RED SPORT will produce as many blooms to the square foot of bench room as any other variety, of any color, ever introduced.

RED SPORT is an early and continuous bloomer that produces its heaviest around the Christmas holidays and during the Winter months when reds are in demand.

RED SPORT does not split; in fact we have never seen a split calyx on it.

Every bloom is of a brilliant "Crane" red color, just the shade to show to best advantage under artificial light.

It will travel farther and keep longer than any other red to date. Blooms shipped to Chicago have kept a week in perfect condition after they were received.

RED SPORT is not large enough to be classed as a fancy, but the color, form and stem are all so good that it sells at sight.

This variety brought \$6.00 per 100 all last January in Washington City.

The flower with ordinary culture is $2\frac{1}{4}$ to $3\frac{1}{4}$ inches across, on wiry stems, 18 to 26 inches in length, that well support the bloom.

The plant makes no superfluous grass' is an upright grower, and can be planted close.

RED SPORT is perfectly healthy, and is entirely free from all forms of disease.

RED SPORT is highly recommended, without exception, by every florist who has seen it growing.

Do not take our word for it; come and see **RED SPORT** growing and be your own judge. We are only an hour and a half out from Washington on the Bluemont Division, Southern Railway, with four trains each way daily. Write, phone or wire and our carriage will meet you at station.

We have a large stock from which to select cuttings, and every cutting sent out will be grown cool, and rooted **without bottom heat**, and will make a good healthy plant.

As we are offering a strictly commercial variety, suited to the need of the average florist, or grower who wants a red that will produce good bloom in paying numbers in the Winter months, we propose to offer it at a popular price, that will enable the grower to buy it in quantity.

PRICE FOR JANUARY, 1905, DELIVERY (Orders Booked Now):

12 for \$1.50, postpaid; 25 for \$2.50, postpaid; 50 for \$4.00, postpaid; 100 for \$6.00;
1,000 for \$50.00; 5,000 for \$237.50; 10,000 for \$450.00.

We guarantee all stock sent out to be well-rooted and to arrive in good condition.

A. B. DAVIS & SON CARNATION SPECIALISTS **PURCELLVILLE, VA.**
ESTABLISHED 1866.

**GOLD
MEDAL
CANNAS
AT
ST.
LOUIS.**

Cannas.

A large quantity of **named Cannas**, best varieties, fine clumps with 15 to 25 eyes as grown by us in the World's Fair Grounds, St. Louis, are to be disposed of.

To be shipped direct from St. Louis. Write for prices to

**VAUGHAN'S SEED STORE,
CHICAGO.**

**GOLD
MEDAL
CANNAS
AT
ST.
LOUIS.**

Chrysanthemum Stock Plants

Opah and Polly Rose.....5c each
Monrovia, Alice Byron, C. S. Salter, 10c each;
\$1.00 per doz.
Cheltoni, Wm. Duckham, Dr. Enguehard
15c each, \$1.50 per doz.

**LARCHMONT NURSERIES
LARCHMONT, N. Y.**

Chrysanthemums.

Stock Plants from Exhibition Blooms.

Wm. Duckham, Dr. Enguehard, John Burton,
Helen Fick, large plants, 35c each, \$2.00 per doz.;
small, 15c each \$1.50 per doz.
Mine, Paolo Radaelli, Guy Hamilton, C. J.
Salter, Oreska, Minnie Bailey, Rustique, Cremona,
A. J. Balfour, Mrs. S. F. Baer, Marie Liger, Mrs.
Coombs, Eaton, Orizaba, 15c each; \$1.25 per doz.
Ivory, Robinson, Bonnaillon, white and yellow;
Mrs. Jerome Jones, Yanoma, Gloriosa, J. K.
Shaw, Estelle, Wm. Chamberlain, 10c each; \$1.00
per doz. CASH, PLEASE.

**HENRY EICHHOLZ, WAYNESBORO,
PA.**

—EARLY NEW—

ROSE CUTTINGS.

Of very best wood, following varieties: La
Detroit, Gen. MacArthur, Pres. Carnot, Belle
Siebrecht, Perle, La France, Bride, Bridesmaid
and Wooton. Write

GEO. A. KUHL, Pekin, Ill.

PANSIES.

50,000 strong stocky plants in 7 distinct colors
or mixed varieties, \$3.00 per 1000; 2,000 for
\$5.00. Plant now for spring.

**F. A. Baller, BLOOMINGTON,
ILL.**

500,000 Pansy Plants Packed safely for
Southern States.

FLORISTS' INTERNATIONAL. Transplanted,
strong, \$5.00. seed-bed plants, \$4.00 per 1000.

GIANT. Mixed and separate colors, \$3.00 and
\$2.50 per 1000. Cash.

GERANIUMS and bedding plants. All A1
quality, true to name. Prices right.

LUDVIG MOSBAEK, Onarga, Ill.

WANTED

TO CLOSE OUT. Field-Grown Carnation Plants.

We offer the following at \$40.00 per 1000. Guaranteed all first size plants:

**6000 LAWSON. 1000 GOV. WOLCOTT,
1000 MORNING GLORY, 1000 WHITE CLOUD.**

WILL BE SHIPPED FROM HINSDALE.

BASSETT & WASHBURN, Chicago.

Store: 76-78 Wabash Ave., Chicago.

Greenhouses: HINSDALE, ILL.

GERANIUMS.

ROOTED CUTTINGS.

Fifteen varieties at \$10.00 and \$12.50 per
1000. Send for complete price list.

PETER HENDERSON An improved Double
Grant. In fact it is
an improvement over all double scarlets and
should be in every grower's collection. By mail
or prepaid express at 50c per dozen.

**ALBERT M. HERR
LANCASTER, PA.**

PANSIES.

200,000 Extra Strong Stocky Plants.

Giant of best sorts, equal to any, \$2.50 per
1000; \$4.50 per 2000.

DOUBLE ALYSSUM, 2-inch, 2c.
BABy PRIMROSE, in bloom, 2-inch, 1 1/2c.
DAISIES. Snowball, Longfellow, Giant Red,
\$2.50 per 1000; 2000 for \$4.50.

FORGET-ME-NOTS 3 varieties, \$3.00 per 1000.
ASP. PLUMOSUS NANUS, 2-in., 2 1/2c. 3-in., 5c.
ASP. SPRENGERI, 2-inch, 2c.

HOLLYHOCKS, Double Yellow, White, Pink,
Maroon, Salmon, Red, 1-year, field-grown,
\$3.00 per 100; \$25.00 per 1000. Small plants, 1c.

—CASH—

BYER BROS, Chambersburg, Pa.

**PANSY PLANTS THE JENNINGS
STRAIN**

Fine plants, fancy colors, large flowering.
Large plants in bud and bloom, \$1.00 per 100.
Medium size for cold frames, \$2.50 per 1000; 500
for \$2.00. By mail, 75c per 100. Seed, \$1.00 per
pkt.; \$5.00 per oz. Cash with order.

**E. B. JENNINGS, Lock Box 254,
SOUTHPORT, CONN.**

GROWER OF THE FINEST PANSIES.

Palms and Asparagus Cheap.

| | |
|-------------------------------------------------|--------------------|
| | Per 100 |
| Latania Bor., 2-in. pot, | seed leaves.. 8.00 |
| " " 3-in. pot, 15-18 in., 2-3 chr. lvs. | 13.00 |
| " " 5-in. pot, 18-20 in., 3-4 chr. lvs. | 15.00 |
| " " 5-in. pot, 20-24 in., 4 chr. lvs. | 20.00 |
| Kentia Bel., 2 1/2-in. pot, 6-8 in., 2 leaves.. | 10.00 |
| " " 3-in. pot, 8-10 in., 3-4 leaves.. | 12.50 |
| " " 4-in. pot, 12-15 in., 4-5 leaves.. | 16.00 |
| Asparagus Sprengeri, 2-inch..... | \$2.00 |
| Asparagus Plumosus Nanus, 2-inch..... | 2.50 |
| " " 3-inch..... | 5.00 |

**SHERMAN NURSERY CO.,
CHARLES CITY, IA.**

2,000 Princess of Wales and L. H. Campbell
Fine field clumps, \$5 per 100; \$45 per 1000.

2,000 BOSTON FERNS, grown in full light,
stocky, for 5 and 6-inch pots, 15c and 20c.

500 ASPARAGUS PLUMOSUS NANUS and
SPRENGERI, 4-inch, fine, 8c. Cash please.

BENJ. CONNELL, West Grove, Pa.

VIOLETS.

We make a specialty of
VIOLETS. ❀ ❀ ❀

ELI CROSS, Grand Rapids, Mich.

**Geo. Wittbold Co.,
1657 Buokingham Pl., CHICAGO, ILL.**

Send for Price List on

Palms and Ferns

The address of every grower and dealer in Cannas in America. We want to get in touch with you. We have a bargain to offer you. Don't fail to write us at once. Our stock is large and fine and contains the best sorts of recent introduction.

SOUTHERN FLORAL NURSERY CO., Fruitdale, Ala.

POEHLMANN

CHICAGO and ST. LOUIS

— AT —
CHICAGO

11 ENTRIES

— AND —

11 FIRSTS

At the Chicago Show

FIRST ON BEAUTY, GOLDEN GATE, BRIDE, MAID
PERLE, CHATENAY.

At St. Louis

AT THE GREAT WORLD'S FAIR FLOWER SHOW,
where the entries numbered from 6 to 10 in almost every class, includ-
ing entries from the best Cut Flower growers in the United States:

ROSES

Six Entries—Six Premiums

1st ON.....100 AMERICAN BEAUTIES
1st ON.....100 BRIDESMAID
1st ON.....100 BRIDE

1st ON.....100 GOLDEN GATE
1st ON.....COLLECTION 8 VARIETIES
2d ON.....100 CHATENAY

CARNATIONS

Six Entries—Four Premiums

1st ON 50 DEEP PINK.....LAWSON
2d ON 100 DEEP PINK.....LAWSON

2d ON 100 LIGHT PINK.....ENCHANTRESS
3d ON 50 LIGHT PINK.....ENCHANTRESS

FLORAL ARRANGEMENTS

WE SUPPLIED THE STOCK FOR

Five Entries—Five Premiums

1st on vase of 100 mums for effect, WHITE BONNAFFON
Arranged by F. C. Weber, St. Louis.
1st on Basket of Roses.....MME. CHATENAY
Arranged by F. C. Weber, St. Louis.
1st on Basket of Carnations.....MRS. LAWSON
Arranged by W. L. Rock, Kansas City.

2d on Table Decoration.....'CHATENAY ROSES
Arranged by Fred H. Rowe, Joliet, Ill.
2d on Vase of 100, arranged for effect.....BEAUTIES
Arranged by F. C. Weber, St. Louis.

If you want the best stock the market affords, now you know where to get it.

Let us have your Standing Order
and supply your

Special Needs for Thanksgiving
CHICAGO MARKET PRICES

Poehlmann Bros. Co.

35-37 RANDOLPH STREET

Long Distance Telephone
Central 3573

CHICAGO

GREENHOUSES: Morton Grove, Ill. 600,000 Feet of Glass.

Adiantum Cuneatum

From 2-inch pots, fine healthy plants, ready to shift, \$3.00 per 100; \$25.00 per 1000.

Just ready to plant out for cutting this winter.

THE GEO. WITTBOLD CO.,
1857-1659 Buckingham Place,
CHICAGO, ILL.

Special Clearing Sale.

8,000 ASP. SPRENGERI.

Strong plants from 2 1/4-inch pots, \$1.25 per 100; \$10.00 per 1000. Worth twice the money.

The W. T. BUCKLEY CO.,
SPRINGFIELD, ILL.

Please mention the American Florist when writing.

Orchids!

Our stock of established and semi-established Orchids is unrivaled in quality and price. Many in sheath and spike at present. Write for prices.

Lager & Hurrell, SUMMIT, N. J.
Orchid Growers and Importers.

Please mention the American Florist when writing.

**JOHN BURTON, Assignee for
ROBERT CRAIG & SON,
Roses, Palms,
and Novelties in Decorative Plants.
Market and 49th Sts., Philadelphia, Pa.**

CYCLAMEN

SPLENDENS GIGANTEUM HYBRIDS. Finest strain in the world, in four true colors, well budded plants with good foliage, from 5-inch pots, \$2.50 per doz.; \$20.00 per 100. Satisfaction guaranteed.

PAUL MADER, East Stroudsburg, Pa.

RUDBECKIA.

Extra choice, large clumps..... Per 100 \$5.00

Asp. Sprengeri, extra quality, 2 1/4-in. pots... 2.00
Asp. Plumosus, extra quality, 2 1/4-in. pots... 2.50
Asp. Plumosus, extra quality, 3-in. pots.... 4.00

JOHN BROD, Niles Center, Ill.

Please mention the American Florist when writing.

Cheap To Clear.

2,500 Rose Geraniums, 2,500 Mixed Geraniums best bedding varieties, all 2-in., \$1.00 per 100. Cuphea, 75c per 100; Chrysanthemums stock plants, J. K. Shaw, Lincoln Polly Rose, Glory of Pacific, Bill Hawk, 25c per doz.

H. ROSSITER,

200 Lexington Avenue, JERSEY CITY, N. J.

2000 Christmas Peppers Full of green and red fruits, 75c per doz.; \$6.00 per 100. Cash with order.
The C. W. KLINE FLORAL CO.,
Leavenworth, Kas.

LAST CALL

AT AUCTION.

Monday and Tuesday, November 21-22

BEGINNING PROMPTLY AT 12 M. RAIN OR SHINE.

All the Palms and Ornamental Plants remaining on my place at Woodside, L. I. Reached by trolley car from L. I. City.

SPECIAL NOTE: The stock to be offered at this sale is in prime condition. Catalogue on application. For other particulars, address

R. DREYER, Woodside, L. I.
J. P. CLEARY, Auctioneer.

Asparagus Plumosus Nanus

| | |
|-----------------|----------|
| | Per 1000 |
| 2 1/4-inch..... | \$15.00 |
| 2 1/2-inch..... | 18.00 |
| 3-inch..... | 22.00 |

Cash. Express prepaid. 250 at 1000 rates.

CALIFORNIA CARNATION CO.,
LOOMIS, CALIFORNIA.

500,000 VERBENAS THE CHOICEST VARIETIES IN CULTIVATION.

Fine pot plants, \$2.50 per 100; \$20 per 1000. Rooted Cuttings, 60c per 100; \$5 per 1000; \$45 per 10,000.

NO RUST OR MILDEW.

PACKED LIGHT, AND SATISFACTION GUARANTEED. SEND FOR CIRCULAR.

We are the Largest Growers of Verbenas in the country. Our plants cannot be surpassed.

J. L. DILLON, BLOOMSBURG, PA.

A FEW GOOD THINGS YOU WANT.

KENTIA PALMS, a fine lot of single and made-up plants as was ever grown, 4, 5, 6, 7, 8-inch pots, at 20c, 35c, 75c, \$1.50 to \$3.00 each.

BOSTON FERNS, 5-inch, \$30 per 100.
DRACAENA INDIVISA, 2, 3, 4, 5-inch, \$2, \$5, \$10 and \$25 per 100.

ASPARAGUS PLUMOSUS, 2 and 3-in., \$4 and \$8 per 100.

ASPARAGUS SPRENGERI, 2 and 3-in., \$3 and \$5 per 100.

GERANIUMS, rooted cuttings, Mrs. E. G. Hill, Riccard, John Doyle, Perkins, \$1.25 per 100, single and double Grant, La Favorite, \$1.00 per 100. Poltevine, S. A. Nutt, 2-in. pots, \$3.00 per 100.

VINCA VARIEGATA, 2-inch \$2.00 per 100.

Unrooted cuttings of **CARNATIONS**. The best and cheapest way to buy them. Queen Louise, Portia, Crocker, Goodenough, Mermaid, Roosevelt, 50c per 100. Lawson, Enochantress, Boston Market, Fair Maid, Harry Fenn, \$1.00 per 100.

CHINESE PRIMROSE 3-in., \$4.00 per 100.

BEGONIA REX, 2-in., \$4; 2 1/2 and 3-in., \$6 per 100.

CINERARIAS, 2-inch, \$2.00 per 100; 3-inch, \$4.00 per 100.

CYCLAMENS, Giant, 4-inch, 10c; 5-inch, 25c.

PRIMULA OBCONICA, 2-inch, \$2.00 per 100.

CASH OR C. O. D.

GEO. M. EMMANS, NEWTON, N. J.

ASPARAGUS

Plumosus Nanus, 2 1/4-inch pots, per 1000, \$15.00; per 100, \$2.00.

Pansy Plants.

Large flowering, per 1000, \$2.50; per 100, 60c. Cash.

JOS. H. CUNNINGHAM, Delaware, O.

Poinsettias.

| | |
|-------------|-------------------|
| | Per 100 |
| 3-inch..... | \$ 8.00 |
| 4-inch..... | 15.00 |
| 5-inch..... | \$20.00 and 25.00 |
| 6-inch..... | \$30.00 and 35.00 |

Strong plants. Satisfaction guaranteed.

Cash with order.

BAUR FLORAL COMPANY, Erie, Pa.

ALWAYS mention the AMERICAN FLORIST when writing to advertisers.

TO GROWERS

To-Bak-Ine Fumigating Paper

Scarborough, N. Y.
Dear Sir:—We wish to say that your To-Bak-Ine Fumigating Paper is the most satisfactory agent for the destruction of Green Fly that has ever been brought to our notice. It is clean, quickly applied and effective. As you know, we have been heavy buyers of this product, all of which has been used in our own greenhouses. And as actions speak louder than words we think no further recommendation on our part is necessary.

F. R. & F. M. PIERSON.

\$6.50 per case of

144 Sheets

each 36 inches long

To-Bak-Ine Liquid

Mt. Clemens, Mich.
Dear Sir:—Having used your To-Bak-Ine products in all its forms, will say that your To-Bak-Ine Liquid is the article for our purpose, as it does its work effectively without injuring the most sensitive blooms and it is so easily applied. You can book us as regular customers, as we are more than pleased with same.

Yours very truly,

JOHN BREITMEYER'S SONS.

1/4-pint can \$.60
1/2-pint can 1.10
1-pint can 2.00
1-gallon can 15.00

Send 4c in stamps for a FREE TRIAL SAMPLE of LIQUID sufficient to make 15 gallons of spraying solution, or for one fumigation of 4000 cu. ft., or two fumigations of 2000 cu. ft.

To-Bak-Ine Fumigating Powder

Corfu, N. Y.
Dear Sir:—For the past 4 weeks I have used your To-Bak-Ine Fumigating Powder in several carnation and rose houses. Fumigating in the carnation houses once a week and in the rose houses twice a week. The quantity used each time was 4 half pounds of the dust equally divided as to distance in a house 125x20, burning it in pie dishes with the bottoms cut out and a piece of mosquito netting in its place and one end of dish raised 3 inches from ground which gives sufficient draft for the dust to smolder and burn clean up. It has entirely kept down all signs of Aphis. It leaves no odor on the flowers and has not in the slightest hurt either flower or foliage on the roses, as does burning tobacco stems.

Very truly yours,

WILLIAM SCOTT.

50 lb. bag \$1.50
100 lb. bag 3.00

 **FREE** 

**Five pound trial packages of
To-Bak-Ine Fumigating Powder
for express charges only**

**Exhibition stock can be grown by keeping the houses FREE from insects
— TO-BAK-INE PRODUCT WILL DO IT —**

SEND FOR WORDS OF WISDOM

E. H. HUNT, 76-78 Wabash Ave.
CHICAGO

FUMIGATE WITH

"NICO-FUME" TOBACCO-PAPER INSECTICIDE.

SOMETHING NEW! A great improvement over all other Tobacco-Papers, or other methods of Fumigating.

**SEE
HOW
EASY!**



For Sale by
All Prominent Seedsmen.

Nico-Fume is Packed in Special Friction-Top Tins, preventing loss of strength by evaporation.

PRICE:

24 sheets . . . 75 cts.
144 sheets . . . \$3.50
288 sheets . . . 6.50

For Convenience, Strength, Safety and Economy, NICO-FUME will certainly please you. Try it! No Insecticide ever before placed upon the market has met such a favorable reception.

MANUFACTURED BY THE KENTUCKY TOBACCO PRODUCT CO., LOUISVILLE, KENTUCKY
Write for Free Pamphlet. Also Mfrs. "Rose Leaf" Tobacco Extract.

REED & KELLER

122-146-148
West 25th Street,

New York.

FALL and HOLIDAY NOVELTIES.

**Our Own
Original and
Exclusive.**

Golf Sets for Chrysanthemums and American Beauties.
Gipsy Kettles and Tripods.
Decorated Wooden Shoes. Wooden Shoes Plain.
Mail Pouches for Violets. Lichen Unique Novelties.
Rock Verdigris. Fern Dishes and Jars.
Leaf Staples. Stackalites
Immortelle Bells, Wreaths, Stars, etc.
Plushine Bells, Balls, etc.
Folding Bells, Domestic. Folding Bells, Imported.
Folding Balls, Imported.

BELLS

Write to us on the SUBJECT of
before purchasing elsewhere. We are the largest Importers and Manufacturers of Bells and Paper Novelties in the United States. ❀ ❀ ❀ ❀

WIRE YOUR REQUIREMENTS FOR THE HOLIDAYS AND WE WILL SHIP WITHOUT DELAY.

H. Bayersdorfer & Company

The election is over. Get in on the wave of prosperity that is sure to follow. Everything the

BEST IN FLORISTS' SUPPLIES

The largest and most varied stock in the country is to be found at

56 NORTH FOURTH STREET

Every foot of room in our large warehouses is filled with up-to-date goods. All the season's novelties of our own selection in Europe, as well as the staples of everyday use, manufactured in our own establishment. **RIGHT NOW** is the time to order choice goods for Christmas. The largest stock of

**FOLDING PAPER AND IMMORTELLE BELLS AND
RED IMMORTELLE WREATHS IN THE COUNTRY.**

ORDERS BY MAIL forwarded the day received where possible.

Be sure to call and see us whenever you visit Philadelphia.

PHILADELPHIA, PA.

Are all flower growers liars?

Surely this cannot be true. Well, we have over 100 growers who have written us, a large majority without request, their opinions; we publish a few of these letters in the columns of this paper, see on pages 11, 700, 703, 704, what they say about the **FUMIGATING KIND TOBACCO POWDER**. All began with a five pound trial bag at our expense, which gave them an opportunity, without cost, to prove its **GOODNESS** and our assertion that it was the most effective, cleanest and quickest, as well as the cheapest (10 cents per 100 foot house) article to fumigate with, and that all kinds of aphids can be killed in one night. Let us send you a five pound trial bag by express, it will cost you nothing but the express charges on it, and be convinced that what your brother growers say of it is true. Our booklet tells of it; we mail it on request.

The H. A. STOOHOFF COMPANY, Tobacco Powder Hobbyists,
116, 117, 118 West Street, NEW YORK.

NICKEL PLATE.

The New York, Chicago & St. Louis R.R.

NO
EXCESS
FARE
ON ANY
TRAIN

Three Express Trains East every day in the year. Pullman Drawing Room Sleeping Cars on all Trains. Trans-Continental Tourist Cars leave Chicago Tri-Weekly on Tuesdays and Sundays at 2:30 p. m., on Wednesdays at 10:35 a. m. Chicago to Boston without change. Modern Dining Cars serving meals on individual club plan, ranging in prices from 35c to \$1.00; also service a la Carte. Coffee and Sandwiches, at popular prices, served to passengers in their seats by waiters. Direct line to Fort Wayne, Findlay, Cleveland, Erie, Buffalo, Rochester, Syracuse, Binghamton, Scranton, New York City, Boston and all points East. Rates always the lowest. Colored porters in uniform in attendance on all Coach Passengers. If you contemplate a trip East, call on any convenient Ticket Agent, or address JOHN Y. CALAHAN, Gen'l Agent, 113 Adams St., Chicago, Ill.

Tobacco Dust

FOR FUMIGATING.

It would pay large users of dust to communicate with us and get samples and prices.

Edwin L. Koppelman & Co., 81 PINE STREET, NEW YORK.

ROSSIG BROTHERS,

—MANUFACTURERS OF—

Artificial Leaves.

ALL STYLES IN HUNDREDS OF DIFFERENT DESIGNS. PAPER AND MUSLIN. SMILAX, YARDS and PIQUETS. Samples Furnished to the Jobbing Trade Only.

497 West Broadway, NEW YORK.

Please mention the American Florist when writing.

The Gardeners' Directory...

A BRAND NEW BOOK.

PRACTICAL
CONVENIENT
COMPLETE
INVALUABLE
THOUSANDS
OF
NAMES
AND
ADDRESSES.



THIS book contains complete lists of **Gardeners and Estates Employing Gardeners** in the United States and Canada, arranged for ready reference by states and post-offices. The gardeners are also arranged alphabetically. The book contains a reliable list conveniently indexed, of the leading **Horticultural and Kindred Societies**, with the names and addresses of the Secretaries. **Price \$5.00 postpaid.**

AMERICAN FLORIST COMPANY,

324 Dearborn St., CHICAGO.

BARREL OF MONEY.....

To be made by handling **SUPPLIES, NOVELTIES and RIBBONS** on exhibition now at our Headquarters.

Sigmund Geller

FASTEST GROWING SUPPLY HOUSE.

110 West 28th St.,

Telephone No.
1747 J.

NEW YORK CITY.

NOVELTIES which will turn out regular money-makers for the scores of my customers, obtained at our Annual European scouring tour and at hand **NOW.....**

EMBOSSSED, PLAIN and PLAITED CREPE PAPER,
Waterproof Japan Two-Tone SILK CREPE PAPER,

NOVEL BARK GOODS, Wonderfully Popular.

GROUND FLOOR CONVENIENCES FOR CITY FLORISTS.

THE LATEST
NOVELTY

"GRASS GROWING PIGS"

VERY AMUSING AND INTERESTING.
SELLING WHEREVER SHOWN

RED PAPER CHRISTMAS FOLDING BELLS.

GET MY QUOTATIONS BEFORE PURCHASING.

Many other Novelties too numerous to mention.

Jobbers please apply for discounts.

IMMORTELLE CHRISTMAS BELLS and Floral Novelties

C. S. FORD, 1417 Columbia Ave., Philadelphia, Pa.

—MANUFACTURER OF—

IMMORTELLE FLORAL NOVELTIES

AND DEALER **IN FLORAL SUPPLIES**

—ESTABLISHED 1881—

There are Bells and Bells, but the only genuine and best Immortelle Bell in the market is FORD'S. Introduced 1897. Our Immortelle Designs are made by skilled and experienced workers and must not be compared with the cheap and poor work made by others.

Our Christmas Bells are made on wire frames true to shape. The Immortelles are glued on, one flower at a time and they are dovetailed in such a skillful manner that each flower protects the other, preventing them fraying out in the center, giving the finished work a velvety appearance. The Bells are trimmed with natural green moss (which is better than the sawdust used by others) and tied with red ribbon bows. The larger sizes have "Merry Christmas" in gold letters on the streamers of the ribbon. The finished piece is done up in neat red boxes ready for sale.

A Trial Order will convince florists of the superiority of these goods over any other kind offered to the trade to-day and they will find them just the thing for Christmas Sales to please the most fastidious.

PRICE LIST—SEASON 1904.

IMMORTELLE BELLS.

| | Red, White or Pink. | Per doz. | Per 100 |
|--------------------------|---------------------|----------|---------|
| 3-inch..... | | \$3.00 | \$22.50 |
| 4-inch..... | | 4.00 | 30.00 |
| 5-inch..... | | 6.00 | 45.00 |
| 6-inch..... | | 9.00 | 67.50 |
| Merry Christmas Ribbons. | | | |

RED, WHITE or PINK BALLS.

| | | |
|-------------|-------------------------------|---------|
| 4-inch..... | \$1.50 per doz.; per 100..... | \$35.00 |
| 5-inch..... | 6.00 per doz., straight | |
| 6-inch..... | 9.00 per doz., straight | |
| 7-inch..... | 12.00 per doz., straight | |

RED CORNUCOPIAS.

To be filled in with Holly Berries, Violets, Valley, etc. Trimmed with Silk Cords, Red Ribbon Bows and "Merry Christmas" in gold letters.

| | Each | Per doz. |
|--------------|--------|----------|
| 5-inch..... | \$.50 | \$ 6.00 |
| 6-inch..... | .75 | 9.00 |
| 8-inch..... | 1.01 | 12.00 |
| 12-inch..... | 1.50 | 18.00 |
| 15-inch..... | 2.00 | 24.00 |
| 18-inch..... | 2.20 | 30.00 |

Larger Sizes in Proportion.

TRUMPETS, suitable for hanging to Basket Plants, Chandeliers, etc. Size and prices same as Cornucopias.

Other designs, such as **BANJOS, GUITARS, and VIOLINS**, \$1.00 each.

IMMORTELLE LETTERS and SOCIETY EMBLEMS a Specialty. COLO LETTERS for Christmas.

Send for Price List for this line of goods. 50c per 100 up.

Red, White and Pink **STARS, WREATHS and Crosses**, 5c to \$2.50 each.

FOLDING PAPER BELLS and BALLS, 75c to \$3.50 per doz.

N. B.—For \$5.00 cash we will send a sample line as follows: Bells 4 sizes; Balls, 3 sizes; Stars, 4 sizes; 1 each, Trumpet, Cornucopia and Musical Instruments—Baujo, Guitar or Violin, a total of \$5.78 in value. Keep this for reference, as this price list will not appear again.

The Allied Trades

Descriptive particulars—with drawings or photographs, if possible—of any new apparatus or device which may prove helpful to the trade are solicited for this department.

REED & KELLER'S rock verdigris fern pans and dishes are very unique and attractive holiday novelties.

THE American Blower Company states that the Morehead return trap pays for itself in one cold winter's night.

TO BAK-INE products in three forms are making such records that no careful grower should fail to investigate what is claimed for them.

SILKALINE, Meyer's standard florists' thread, has become so fixed in the minds of the trade that others are now claiming to have something "just as good."

"NICO FUME" is another method of the popular plan of fumigating by means of burning rolls of paper saturated with nicotine. The manufacturers, through many experiments, believe they have found the right way.

BENJAMIN HAMMOND has issued a portrait, with brief memorial notice, feelingly written, of his "old traveler and friend," Deacon Baldwin. Edgar J. Lambert has taken the place on the road left vacant by Mr. Baldwin, and we sincerely trust he will gain the bountiful patronage of his esteemed predecessor.

Building a Greenhouse.

ED. AM. FLORIST:—I am building a house 20x51 inside measurement, with 20 inches of glass on each wall. The house stands nearly north and south, protected on the north by a three-room cottage and a boiler shed. How many and what size should the feeds and returns be, and where should the highest point in each be? Of what capacity and where should the expansion tank be? My idea is to use 2-inch flow pipes in the ridge and on plates, having the highest point in the potting shed over the boiler, placing the expansion tank here, and having a slight fall to the south end of the house, terminating in a header on each side of the door in the south end, using 1½ or 1½-inch pipe for coils. Would this be satisfactory? The boiler pit is five feet deep, but it can be deepened, as the drain is placed deeper for this purpose. Please give the capacity the boiler should be rated at to heat two such houses at 70° to 80°. Last winter the thermometer registered 19½ below zero.

W. F. S.

The temperature named can be secured by using three 2-inch flows and twenty-four 1½-inch returns. The plan proposed for arranging the pipes should give good results. The lower the boiler can be placed the better the circulation. It should be one rated for 1,800 to 2,000 square feet of radiating surface.

L. R. T.

Greenhouse Heating.

ED. AM. FLORIST:—I am building a greenhouse, 16x25 feet, in which I wish to maintain a night temperature of 60°, hot water to be used. The house will be necessarily much exposed to west and northwest winds, and the thermometer in severe winters occasionally drops to

20° below zero. House runs north and south, with post and double boarded walls, with building paper, 9 feet to ridge, 4 feet to plate, even span roof with 16x20 double thick glass. What amount of radiation and horse-power of boiler is required, size of pipe to use and best method of putting it in? Another season I expect to add a similar house or add to length of present one, and want a boiler with at least double the power required at present.

W. E. E.

The radiation can be supplied by means of a 2½ inch main about two feet under the ridge, which should feed two coils on the side walls or under the benches. These coils should start upon either side of the door at the farther end of the house, and each should contain five 2-inch returns. To provide radiation for twice the amount of glass stated the boiler should be one rated for 500 square feet of hot-water radiation. If the addition is placed at the end of the present house the size given for the flow and returns will answer up to a length of 60 feet.

L. R. T.

Louisville.

The past week has been a very good one, going a little above the average. A wedding decoration caused quite a demand for violets and other choice stock. Roses of exceptional quality are to be had in satisfactory quantities. The demand is good. Carnations have improved greatly in quality, and the supply is also a great deal better. The demand is up to expectations. Chrysanthemums are now in their glory. The quantity is great and the quality is also good. The demand is satisfactory. Violets are to be had, and the demand is good. The quality is excellent. A few sweet peas have been seen, but it will be some time before there will be a quantity of them. Some shipped lily of the valley have been seen and have sold very well. Green goods have been very heavily demanded, but there is no trouble to secure them.

At Schulz's the annual chrysanthemum show was in session, but owing to the heavy demand on stock this firm was not able to make the show they anticipated. Some very good cut chrysanthemums were exhibited, especially so was Yellow Eaton. Some very good Gloire de Lorraine begonias were also shown.

Charles W. Reimers, Jacob Schulz, August R. Baumer and Theo. Strohaecker recently visited the World's Fair, and seemed very well pleased with the national flower show. They also indulged in The Pike, and, all in all, the trip was a very pleasant one.

Coenen & Bohman's place is pretty well stocked with pot plants, such as ferns, araucarias, poinsettias, etc., the quality of the stock being very good. About 5,000 or 6,000 Paper White narcissus have also been benched and will soon be blooming.

Chas. W. Crouch, of Knoxville, Tenn., was a recent visitor.

F. L. S.

KANSAS CITY, Mo.—The daily papers are giving W. L. Rock a world of free advertising on his displays at the World's Fair, St. Louis.

DES MOINES, IA.—Jacob F. Marshall is arranging to build 30,000 square feet of greenhouses, to be used exclusively for vegetables for early markets. The houses now used for this purpose will be converted so as to care for his increasing florist business.

Subscribe for

Horticulture

The New Trade Paper.

\$1.00 PER YEAR.

WM. J. STEWART

Editor and Manager.

First Issue, December 3, 1904.

ADVERTISING RATES ON APPLICATION.

ADDRESS

HORTICULTURE,

ROOM 14,

11 Hamilton Place,
BOSTON, MASS.

\$20.00 HOMESEEKERS' TICKETS VIA THE WABASH.

On November 22 the Wabash will sell homeseekers' excursion tickets at \$20.00 for the round trip from Chicago to all points in Oklahoma and Indian Territories, and many points in Texas, Missouri, Kansas, Arkansas and Louisiana. Write for full particulars. Ticket office, 97 Adams St., Chicago, Ill.

Florists' Printing

We will save you 25 per cent on Envelopes, Letter Heads, Note Heads, Bill Heads, Statements, etc. We make a specialty of RED LEAF Shipping Cards, Fresh

Flowers, or Live Plants. Write for prices. Express charges prepaid on all orders. Give us a trial order.

WICKHAM BROS.,
84 Vine Street, ADRIAN, MICH.

"Fumigation Methods"

BY PROF. JOHNSON.

Every Grower needs this book..... Price \$1.00

AMERICAN FLORIST COMPANY,
324 Dearborn Street, CHICAGO.

U KNOW US.

THE LEADING FLORIST SUPPLY HOUSE

Christmas Specialties

New Crop Immortelles, finest color, best quality.
Red Immortelle Wrapped Wreaths, all sizes, superb color and quality.
Moss Wreaths, all sizes, quality unsurpassed.
Red Paper Folding Bells. Red Immortelle Bells.

Red Xmas Ribbon. Special Xmas Holly Flowered Ribbon.

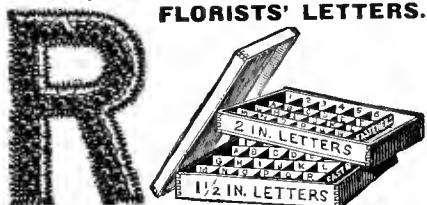
Red Chiffon, all widths. Red Capes and Everything Xmas Red wanted by UP-TO-DATE Florists.

Order NOW, while STOCK is COMPLETE, and avoid disappointment. Prices Right. Quality Best.

M. RICE & CO. Importers and Manufacturers,
916-918 Filbert St., PHILADELPHIA, PA.
RIBBON SPECIALISTS. KATALOG FOR THE ASKING.

Boston Florist Letter Co.

MANUFACTURERS OF
FLORISTS' LETTERS.



This wooden box nicely stained and varnished, 18x30x12 made in two sections, one for each size letter, given away with first order of 500 letters.

Block Letters, 1 1/4 or 2-inch size, per 100, \$2.00.
Script Letters, \$4. Fastener with each letter or word.

Used by leading florists everywhere and for sale by all wholesale florists and supply dealers.

N. F. MCCARTHY, Treas. and Manager,
84 Hawley St., BOSTON, MASS.

Please mention the American Florist when writing.

CUT FLOWER BOXES

WATERPROOF
Corner Lock
Style.

The best, strongest and neatest folding cut flower box ever made. Cheap, durable. To try them once is to use them always. Per 100 Per 1000

| Size No. | 0 | 3x 4x20 | ..... | \$2.00 | \$19.00 |
|----------|----|--------------|-------|--------|---------|
| " | 1 | 3x 4 1/2 x16 | ..... | 1.90 | 17.50 |
| " | 2 | 3x 6x18 | ..... | 2.00 | 19.00 |
| " | 3 | 4x 8x18 | ..... | 2.50 | 23.00 |
| " | 4 | 3x 5x24 | ..... | 2.75 | 26.00 |
| " | 5 | 4x 8x22 | ..... | 3.00 | 28.50 |
| " | 6 | 4x 8x28 | ..... | 3.75 | 36.00 |
| " | 7 | 6x16x20 | ..... | 5.50 | 54.00 |
| " | 8 | 3x 7x21 | ..... | 3.00 | 28.50 |
| " | 9 | 5x10x35 | ..... | 6.50 | 67.50 |
| " | 10 | 7x20x20 | ..... | 9.50 | 67.50 |
| " | 11 | 3 1/2 x5x30 | ..... | 3.00 | 28.50 |

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

THE LIVINGSTON SEED COMPANY,
BOX 104. COLUMBUS, OHIO.

Please mention the American Florist when writing.

L. BAUMANN & CO.,

Importers and Manufacturers of
Florist Supplies

76-78 Wabash Ave., CHICAGO.

Write for our New Catalogue F. Our prices may interest you.

SIGMUND GELLER,

FLORISTS' SUPPLIES and RIBBONS.

108 West 28th Street, New York.

NOVELTIES always on hand.

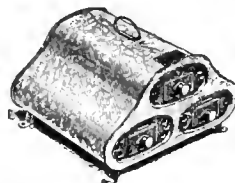
Please mention the American Florist when writing.

PROTECTION!!

Of your plants from freezing. This can be done only by using a celebrated

LEHMAN WAGON HEATER

250,000 are in use by Florists, horsemen, doctors and farmers. They burn Lehman Coal from which there is no smoke, no danger, at a cost of less than 1/4 cent per hour. Don't fail to write for circular telling more about them.



LEHMAN BROS.,

MANUFACTURERS.

10 Bond St., NEW YORK.

BEWARE
OF
IMITATIONS.

J. W. ERRINGER,

General Western Sales Agent,

45 E. Congress St., CHICAGO.

ESTABLISHED
1866

EMIL STEFFENS

SUCC. TO N. STEFFENS.
AND STEFFENS BROS.



FLORIST Plain, Violet, Rose

MADE BY

The John J. Crooke Co.

155 Ave. D, NEW YORK. 149 Fullon St., CHICAGO.

Wired Toothpicks

10,000, \$1.00; 50,000, \$6.25. Manufactured by
W. J. COWEE, BERLIN, N. Y.
Sample Free. For sale by dealers.

KORAL LETTERS

For Sale by all Wholesale Houses.

Koral Mfg. Co.,

12 Hawley Place, Boston, Mass.

A. HERMANN,

Cape Flowers, all colors,
Cycas Leaves, Metal Designs,
and All Florists' Supplies.

SEND FOR PRICES.

404-412 East 34th Street, NEW YORK.

Please mention the American Florist when writing.

"NICOTICIDE"

THE BUG KILLER

TOBACCO WAREHOUSING & TRADING CO.
LOUISVILLE, KENTUCKY.

Cleveland.

Business for the past couple of weeks hasn't been anything to brag about, but from present indications the future seems brighter for trade, as quite a number of social functions are booked for December. In spite of the general dullness chrysanthemums have been in fairly good demand and at no time has there been a glut. No very high prices are being obtained, but a good average. Carnations are scarce and clean up every day, the ruling price being \$1 to \$2 per 100. Roses are plentiful with a very limited demand.

Smith & Fetters had a chrysanthemum and rose exhibition at their store last week which continued for three days and attracted a great deal of attention. Liberty, La Detroit and the new Killarney, all on three-foot stems and over, were very much admired. What attracted the most attention and admiration was a unique window decoration which represented a luncheon being given by the bride to the maid of honor and bridesmaids. The center of the table represented the aisle of a church arched over with yellow chrysanthemums and lily of the valley. The figures representing the participants were arrayed in garments befitting the occasion and carried bouquets of lily of the valley and yellow orchids. The color scheme was in burnt orange, which harmonized most beautifully with the yellow chrysanthemums. The beauty of the display was enhanced very much by the use of delicate china and cut glass. The credit of the arrangement is due in a large measure to James Eastwell, formerly foreman for the firm but now a partner, having lately acquired a one-third interest in the business.

Herman Hart's Timothy Eaton chrysanthemums are in a class by themselves. No trouble about selling them.

Adam H. Graham, of the firm of Adam Graham & Son, was re-elected to the village council of East Cleveland.

The Essex Greenhouses are sending to the Cleveland Cut Flower Company extra fine American Beauty.

John Heskit, of Lakewood, O., was elected a member of the Florists' Club at its last meeting.

ECHO.

WINNIPEG, MANITOBA—H. E. Philpott reports trade fifty per cent better than last year. His centrally located establishment is much in demand now, and owing to the advance in real estate he is likely to contract the sale of it for \$75,000. Richard Alston leased his Notre Dame street place to his foreman, Mr. Stapper, on September 1 and is now taking a California trip.



GEO. KELLER & SON,
MANUFACTURERS OF
FLOWER POTS.

Before buying write for prices.
361-363 Herndon Street,
near Wrightwood Ave.,
CHICAGO, ILL.

Please mention the American Florist when writing.

THOSE RED POTS

"STANDARDS"
FULL SIZE AND WIDE BOTTOMS.
BULB PANS AND AZALEA POTS.

DETROIT FLOWER POT M'FY,

HARRY BALSLEY,
Rep.

DETROIT, MICH.,
490 Howard St.,

THE KELLER POTTERY COMPANY,

Manufacturers of **FLORISTS' RED STANDARD POTS.**

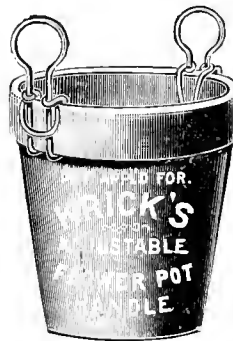
Azalea Pots, Bulb and Fern Pans, Etc.

Write for Price List. 213-15-17-19-21-23 Pearl St., **NORRISTOWN, PA.**

Standard Flower Pots

The WHILLDIN POTTERY COMPANY,

PHILADELPHIA PA. JERSEY CITY, N. J. LONG ISLAND CITY, N. Y.
Traveling Representative, U. CUTLER RYERSON, 108 Third Ave., Newark, N. J.



THE
Perfect Flower Pot
Handle and Hanger

Is used for lifting plants out of jardinières, also for hanging up plants for decorations on walls, etc. Will sustain a weight of 100 lbs.

FOR SALE BY ALL

FLORISTS' SUPPLY DEALERS.

W. C. KRICK, 1164-66 Greene Av. Brooklyn, N. Y.

Please mention the American Florist when writing.



RED POTS

SAMPLE POT AND PRICE LIST
ON APPLICATION.

C. C. POLLWORTH CO., MILWAUKEE, WIS.

—WRITE—

A. F. Kohr

1521-23 N. Leavitt St. CHICAGO, ILL.,

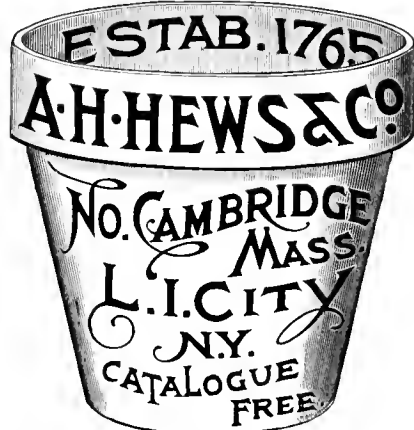
FOR PRICES OF

Standard Pots which for strength and prosperity combined are the best on the market.

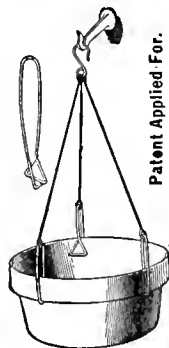
American Florist

Ads

Always do business,
Week days and every day,
Sundays and holidays,
All over the country,
At home and abroad.



Kramer's Pot Hanger



Patent Applied For.

The neatest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They fit all standard made pots from 2 to 10 inches in diameter. The illustration shows how they are attached. Just the thing for hanging up ferns, begonias, etc. You can make room and money by their use. Try them.

FOR SALE BY WHOLESALE SEEDSMEN, FLORISTS AND SUPPLY DEALERS.

Price with wire chain as shown in cut, \$1.00 per dozen by express. Sample dozen by mail, \$1.25.

I. N. Kramer & Son, Cedar Rapids, Iowa.

STANDARD FLOWER POTS!

Packed in small crates, easy to handle.

| Price per crate | Price per crate |
|------------------------------|-----------------------------|
| 1500 2-in., in crate, \$4.88 | 120 7-in., in crate, \$4.20 |
| 1500 2 1/2 " " 5.25 | 60 8 " " 3.00 |
| 1500 2 3/4 " " 6.00 | 48 9-in., in crate, \$3.60 |
| 1000 3 " " 5.00 | 48 10 " " 4.80 |
| 800 3 1/2 " " 5.80 | 24 11 " " 3.60 |
| 500 4 " " 4.50 | 24 12 " " 4.80 |
| 320 5 " " 4.51 | 12 14 " " 4.80 |
| 144 6 " " 3.16 | 6 16 " " 4.50 |

Seed pans, same price as pots. Send for price list of Cylinders for Cut Flowers, Hanging Baskets, Lawn Vases, etc. Ten per cent off for cash with order. Address

HILFINGER BROS. POTTERY, Fort Edward, N. Y.
Or AUGUST ROLKER & SONS, New York Agents,
31 Barclay Street, New York City.

Standard Flower.. POTS

If your greenhouses are within 500 miles of the Capitol, write us, we can save you money.....

W. H. ERNEST,

28th and M Streets,

WASHINGTON, D. C.

DON'T WASTE

Printed Matter and Postage.



THE American Florist Company's Directory saves many times its price to every one who catalogues or circularizes even a small part of the trade. Fully revised to date of publication, it puts the mail only to live names, avoiding waste of postage and printed matter, time and labor.

Contains 412 pages, lists of Florists, Seedsmen and Nurserymen of the United States and Canada by states and towns, also alphabetically; firms that issue catalogues, foreign merchants, horticultural societies and much other up-to-date information which makes it a reference book of daily utility wherever a wholesale trade is done.

Sent postpaid at \$2.00 a copy by the publishers.



AMERICAN FLORIST CO.
324 Dearborn St.
CHICAGO, - ILLINOIS.

BOOKS FOR FLORISTS.

The time is coming along when these are needed and opportunity at hand for reading them. Every one of the following should be in your library.

Send prices quoted and we send the books.

GREENHOUSE CONSTRUCTION (Taft).—It tells the whole story about how to build, and heat a greenhouse, be it large or small, and that too in a plain, easily understood, practical way. It has 118 illustrations. \$1.50.

HEATING AND VENTILATING BUILDINGS (Carpenter).—This book covers the entire subject most fully. In the preparation of heating and ventilating plans, it will be found a most valuable guide. \$4.00.

STEAM HEATING FOR BUILDINGS (Baldwin).—Contains valuable data and hints for steam fitters and those who employ this method of heating. The 350 pages are fully illustrated. \$2.50.

THE HORTICULTURISTS' RULE-BOOK (L. H. Bailey).—Contains information valuable to all those engaged in any branch of horticulture. Illustrated. 312 pages. 75 cents.

PRACTICAL FLORICULTURE (Peter Henderson).—A guide to the successful propagation and cultivation of florists' plants. Illustrated. 325 pages. \$1.50.

THE ROSE—Its cultivation, varieties, etc. (H. B. Ellwanger).—A complete guide of the cultivation of the rose, together with the classification of all the leading varieties. \$1.25.

GINSENG (Kains).—At the present time when so much interest is taken in ginseng it will be interesting to peruse this volume, which tells all about the plant in a way that all may understand. The 144 pages are freely illustrated. 50 cents.

THE PRINCIPLES OF FRUIT GROWING (Bailey).—The entire subject of fruit culture is treated very thoroughly in this illustrated volume of 516 pages. It is a book that no up-to-date fruit grower can afford to be without. \$1.25.

CHRYSANTHEMUM MANUAL (Smith).—By an expert who has given his undivided attention for twenty years to the improvement of the chrysanthemum and its culture in detail. Profusely illustrated. 25 cents.

CABBAGES, CAULIFLOWER AND ALLIED VEGETABLES (Allen).—The requirements of the important vegetables of the cabbage tribe are given here very fully. The book also contains interesting chapters on seed raising, insect pests and fungus diseases common to these plants. 50 cents.

LANDSCAPE GARDENING (Waugh).—This is a very useful little book on the art of landscape gardening. It will be found exceptionally valuable to amateurs as it covers in detail the numerous problems that come to the owners of small gardens. It is freely illustrated and the pictures have been chosen with a view to informing the reader rather than decorating the book. 50 cents.

ASPARAGUS (Hexamer).—A practical treatise on the planting, cultivation, harvesting and preserving of asparagus with notes on its history and botany. This book is mainly devoted to the culinary kinds of asparagus, but there is also some reference to the ornamental species. 50 cents.

HEDGES, WINDBREAKS, ETC. (Powell).—A treatise on the planting, growth and management of hedge plants for country and suburban homes. A volume of 140 pages with twenty-two illustrations. 50 cents.

AMERICAN FLORIST CO.,

824 Dearborn Street,

CHICAGO.

TO CAPITALISTS, INSECTICIDE, MANURE and SUNDRY MERCHANTS.

EXORS R. CAMPBELL,
Water Street, MANCHESTER, ENGLAND.

Has for sale outright the valuable **AMERICAN PATENT RIGHTS** of their apparatus for safely vaporizing Sulphur in greenhouses. The apparatus is meeting with enormous success in England, and is now the standard remedy for Mildew on Roses, Vines, Peaches, Chrysanthemums, Strawberries, Etc., Carnation, Cucumber, Tomato and other plant diseases; also the dreaded pest, Red Spider. The patent is most impervious and cannot be infringed or improved upon.

Any manufacturer of Manures, Insecticides or Sundries, buying this patent will prove it a **GOLD MINE**. It will sell in every greenhouse in America, and at the same time help to sell other lines. **FULL PARTICULARS ON APPLICATION TO OWNERS.**

The Following are a few of many Testimonials received:

THE NURSERIES, Exmouth, Devon, Oct. 17, 1903.
Gentlemen:—I enclose cheque in settlement of account for Sulphur Vaporisers. I have given them a thorough trial and am more than pleased with the result.

Generally before housing my Show Chrysanthemum Plants, each one is laid on its side and well syringed with some kind of Fungicide, with the idea of destroying any Mildew or other disease. This is a tiresome and expensive item where several thousands of plants have to be so treated. With your Sulphur Vaporiser this is obviated, for after thoroughly vaporising the house every spot or Symptom of Mildew has disappeared. One variety was badly infected, and after the treatment mentioned I have been interested to note the gradual disappearance of the Mildew; the expanding blooms were in no way injured by the sulphur, and I consider the Vaporisers have already paid their cost.

W. J. GODFREY, Chrysanthemum Specialist.

From W. GIBSON, Fruiterer and Florist, 33 High Street

Sandown, Isle of Wight, July 9, 1903.
Please send me another Patent Sulphur Vaporiser; I have found it very valuable in killing Mildew on Vines, "leaves and grapes" which it does most effectively, and though I have had a slight re-appearance since I first used the Vaporiser on June 7th, I find it just as easy to check as Green Fly, only the operation takes a little longer. Its effect on roses was very marked. I have a house of Roses that was never free from Mildew till I used the Vaporiser; now the Roses have long clean stems, and splendid foliage, which make the flowers worth as much again. I do not find it injures any plants, such as feros, lilies, geraniums, etc. I shall do my best to make it known, as I am sure it will be a boon to all growers of Roses and Grapes.

W. GIBSON.

Extracted from Correspondence Column, HORTICULTURAL TRADES JOURNAL.

November 11, 1903.
Sir:—Your Worthing correspondent mentions that no cure has yet been found for the dreaded Cucumber Disease. My experience may be of use to growers. The Spot appeared in my second crop of cucumbers this season, and before I knew what it was (not having seen it before) had made considerable headway. I cut away the leaves attacked the most, and vaporized about 3 ozs. of sulphur with one of Campbell's Patent Vaporisers; the house is 70 ft. long, "about 4,000 cubic feet." This is about a fortnight ago. The Spot on the leaves slightly attacked has been completely killed, and no more of the disease has appeared up-to-date. I hold no brief for Messrs. Campbell's, but think their Vaporisers a grand patent, and no grower should be without them. I think if the Vaporisers were used about once a fortnight that the disease would not be seen at all. I don't think the Spot would attack the leaves through the sulphur. Advise, it is worth trying.

Yours faithfully,

E. H. E. Crawley.

CRAWLEY, Winchester, Hants, June 14, 1903.
I have used the Patent Sulphur Vaporisers for Mildew on Tomatoes with excellent results; they worked well. They will be a great boon to all growers and the most important aid to the destruction of Mildew in Vines and the various Fungoid Diseases affecting Tomatoes, Cucumbers, Etc.; in fact, they are invaluable wherever sulphur is used.

E. H. EVANS, F. R. H. S.

THE GARDENS, Trinity Cottage, Edinburgh, July 16, 1903.
I am pleased to say that I have been using your Patent Sulphur Vaporiser for several months past for Mildew on Roses. I can safely say that in my opinion it is the best thing yet invented for the use of sulphur on plant foliage; every particle is boiled off in steam, which lights like a dew thickly on the leaves. I have every reason to believe that I would have lost all the Roses with the Mildew by this time only for its use.

THOMAS LESLIE, Head Gardener.

ROYAL IRISH NURSERIES, Newtownards Co., Down, May 13, 1903.
Please send us another of your Patent Sulphur Vaporisers, and much oblige. We are very pleased with results obtained from that sent.

ALEX. DICKSON & SONS, LTD.

THE NURSERIES, Ware Road, Hoddesdon, Herts, July 15, 1903.
We have had your Sulphur Vaporisers in use in our Rose Houses for about three months, and it gives us great pleasure to state that they have given us complete satisfaction in preventing and destroying Mildew.

G. BECKWITH & SON.

SWAYTHLING, Southampton, August 4, 1903.
It is with much pleasure that I testify to the great utility of the Patent Sulphur Vaporiser as a cure and preventive of Mildew and kindred pests.

I have now used them for some months in Peach, Rose and Tomato Houses, also Vinery, and have never had my plants so clean and healthy. To the grower of all crops under glass they would be cheap at six times their actual cost.

W. J. WOODS, F. R. H. S.

MEOPHAN, Kent, July 23, 1903.
The two Sulphur Vaporisers I had from you a few months back, I am glad to say have proved themselves a great boon; I have tried them amongst Roses for Mildew and amongst Tomatoes for the spot, and in both cases they have proved satisfactory both in curing the Blights and more especially, in preventing them coming. Kindly send me two more at your earliest convenience, for which I enclose cheque.

PHILIP S. LADDS, Farmer and Fruit Grower.

PUMPS Rider-Eriksen. Second-hand. From \$45.00 up; all repairs; other makes; new; cheap.

BOILERS Second-hand Greenhouse Boilers guaranteed. Send for prices; state size wanted.

PIPE New 2-in. full lengths, with coupling, 8¢. a foot. Good serviceable second-hand, 2-in., 6¢; 1½-in., 5¢; 1¼-in., 3¢; 1-in., 3¢; ¾-in., 2½¢. New and old fittings and valves.

GARDEN HOSE New, ¾-in., guaranteed 100-lbs. pressure, 7¢ per ft.; ½-in. not guaranteed, 4¢ per ft.

HOTBED SASH New. Cypress, 3x6-ft., from 70¢ up; glazed, complete, from \$1.60 up.

Get our prices on New Cypress Building Material, Ventilating Apparatus, Oil, White Lead, Putty, Paint, Points, etc.

OLD GREENHOUSES BOUGHT.

SEND FOR PRICES ON STEAM FITTING TOOLS.

References: Bradstreet's, Dunn's or Broadway Bank of Brooklyn.

METROPOLITAN MATERIAL CO.,
1398-1408 Metropolitan Ave., BROOKLYN, N. Y.

Established 1899. Tel. 174 Bergen.

Phillips Manufacturing Co.

222-226 Kearney Ave., Jersey City, N. J.

Horticultural Architects, Builders
and Heating Engineers.

Designers and Manufacturers of
every description of Glass Houses
for private or commercial uses. Most
modern and up-to-date.

If you write or telephone us, we do
the rest.

—RUSTIC WORK A SPECIALTY.—

CUBA VIA THE WABASH

The Wabash sells winter tour tickets
to Havana, Cuba, via Mobile, New
Orleans or New York. Are you interest-
ed? Write for full details and rates.

F. A. Palmer, A. G. P. A.,
97 Adams St., CHICAGO, ILL.

ALL Nurserymen, Seedsmen and Florists wishing
to do business with Europe should send for the

"Horticultural Advertiser"

This is the British Trade Paper, being read weekly
by all the Horticultural traders; it is also taken
by over 1000 of the best continental houses.
Annual subscription to cover cost of postage 75¢;
Money orders payable at Lowdham, Notts.

Address **EDITORS OF THE "H. A."**
Chilwell Nurseries, LOWDHAM, Notts, England.

Circulation

which Circulates

The actual paid circulation of the
American Florist is, we believe, the
largest in its class. The contents
are of real present value and are
preserved for reference. Advertisers
who use regularly our columns estab-
lish permanent business with the best
trade in the United States.



Long Distance Telephone.

Direct Western Union Wires.

Please mention the American Florist when writing.

The Johnston Glass Company

Hartford City, Ind.

MANUFACTURERS OF

Window Glass,

GROUND AND CHIPPED GLASS.

The James H. Rice Co.
—IMPORTERS and JOBBERS—
GREENHOUSE GLASS
A SPECIALTY.
Window Glass, Paint, Putty, etc.
80-82 Wabash Avenue and 34 to 40 South Water Street, CHICAGO.

GULF CYPRESS GREENHOUSE MATERIAL

HOT-BED SASH, BOILERS, PIPES, FITTINGS,
VENTILATING APPARATUS.

GLASS AT WHOLESALE.

We furnish everything for building. Send
for prices and catalogues.

S. Jacobs & Sons, 1365-1373 Flushing Ave.
BROOKLYN, N. Y.

Please mention the American Florist when writing.

STENZEL GLASS CO.,

GREENHOUSE GLASS.

French and American "WHITE ROSE"
Brand.

2 Hudson St., NEW YORK. 101 Portland St., BOSTON.

H. M. HOOKER CO.

Window Glass, Paints and Putty.

Greenhouse Glass a Specialty.

59 W. Randolph St., CHICAGO.

**Holds Glass
Firmly**
See the Point FULL SIZE
Nº 2
PEERLESS
Glazing Points are the best.
No rights or lefts. Box of
1,000 points 75 cts. postpaid.
HENRY A. DREER,
714 Chestnut St., Phila., Pa.

The King Construction Co.
New Roof Construction, Automatic
Stokers, Water Tube Steam Boiler,
Automatic and Hand Ventilators.....
NORTH TONAWANDA, N. Y.
32 Church St., TORONTO, ONT.

GLASS.

GOOD BRANDS.
QUICK SHIPMENTS.
LARGE STOCK.

Warehouse on railroad switch. Be sure
and get our prices.

Sharp, Partridge & Co.

22nd St. and Union Place, CHICAGO.

D. O. Cunningham Glass Co.

PITTSBURG, PA.

TANK WINDOW GLASS.

Hot-House Glass a Specialty.

Sprague Smith Co.

PLATE AND WINDOW GLASS

Greenhouse Glass a Specialty.

205 Randolph Street, CHICAGO.

**EVANS' IMPROVED
CHALLENGE
VENTILATING
APPARATUS**
WRITE FOR ILLUSTRATED CATALOGUE
QUAKER CITY MACHINE WORKS
RICHMOND, IND.

Pittsburg.

Arrangements for the club smoker scheduled for next month are being perfected and it looks as though some new club talent which has been dormant will be put to use on this occasion. Those who were present at the smoker last winter will recall that successful event and take assurance that the committee in charge of the coming event will give them an evening's entertainment that will be worth while.

Business continues fair. Chrysanthemums have had a wonderful run this season. It would have been greater had not American Beauty been so plentiful and reasonable in price. Yet the supply and sale of both staples have been extraordinary. Local carnations are still a rare thing to see as most of them are being shipped in. Violets are moving nicely, and white roses are in demand. Bridesmaid, Chatenay, Liberty and Beauty are plentiful.

The attendance proves that the displays given at the Phipps, H. C. Frick and Alexander Peacock flower shows are greatly appreciated by the general public. The greenhouses are thronged daily and on Sunday thousands of people view the displays.

The Pittsburg Rose and Carnation Company has had a grand run on chrysanthemums. It is still cutting some prize winning stock.

Lowe & Jones state that funeral work keeps them going night and day. This is evident, as they are doing a wonderful business.

Patrick Maier is sending in some fine Paper Whites and Roman hyacinths.

Geddes & Blind put a fine new delivery wagon in commission last week.

Blind Brothers are cutting fine Bride and Bridesmaid.

Visitors: S. S. Pennock, Philadelphia; S. S. Skidelsky, Philadelphia; Lloyd Swarthout, Washington, D. C.

E. L. M.

Lowell, Mass.

With the advent of our first visit of snow business has taken on an unusual briskness during the past two weeks. The supply of stock has been well taken care of; in fact empty ice boxes have even been seen, the first time in several weeks. The supply of chrysanthemums appears to be on the wane. The blooms that have been shown so far this season have been simply superb. During the past week there were several large funerals, which called for many designs and cleaning up in many cases the surplus. With chrysanthemums rapidly falling to the rear the carnation supply is fast becoming a factor once again, the first time of the season. Carnations of fancy varieties, which have been given the go-by at a cent, are now bringing \$2 per 100 without any trouble. The rose supply is good, both in quality and quantity. The supply coming from Exeter is excellent.

John Gale is now bringing to town some exquisite violets, both single and double. His prophecy in regard to raising good violets has been fulfilled.

John McManmon made a good fight for re-election to the house of representatives, but the fates were against him. The other side swept the entire country.

Every Saturday so far this season we have had to contend with two of the large department stores selling flowers; one sells roses as a specialty, while the other sells chrysanthemums and carnations. While the flowers that are offered are not bang-up, still they cut up the Saturday's trade.

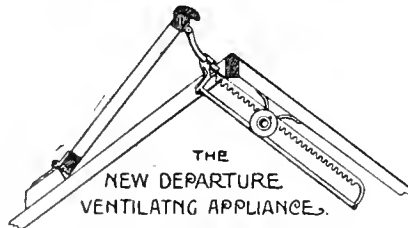
A. M.

Use our Patent
IRON BENCH
FITTINGS and
Roof Supports.

**THE JENNINGS IMPROVED
IRON CUTTER.**
Improved Vaporizing Pans VENTILATING
For Tobacco Extracts, Etc. Send for Circulars.
DILLER, CASKEY & CO., SUCCESSORS TO
S. W. Cor. Sixth and Berk Sts., **PHILADELPHIA.** **JENNINGS BROTHERS, APPARATUS.**



A sample of our Gutter is on Exhibition at the Chicago Flower Growers' Market.



CHEAPEST AND BEST.

If you doubt it try them and be convinced.
Send for descriptive price circular.

J. D. Carmody, Evansville, Ind.

ADAM SCHILLO LUMBER CO.

DEALER IN ALL KINDS OF Hemlock and Pine

LUMBER

and "PECKY CYPRESS," our new introduction to the trade.

For Greenhouses.

ALSO CEDAR POSTS of ALL LENGTHS and DIMENSIONS.

Having had an extensive experience in the line of Lumber and Posts needed for Greenhouse work, I am prepared to meet all inquiries. Send for prices.

Cor. Weed and Hawthorne Ave.,

CHICAGO, ILL. Tel. North 1626 & 1627

References given from the leading Florists of Cook County.

Please mention the American Florist when writing.

GREENHOUSES.
MATERIAL FURNISHED
AND
MEN TO SUPERINTEND
ERECTION IF DESIRED.
CYPRESS SASH BARS
ANY LENGTH UP TO 32 FEET OR LONGER.
THE A. T. Stearns Lumber Co.,
NEPONSET, BOSTON, MASS.

**American Florist Advertisements
Work Every Day.**

Hot-Bed SASH

FOR IMMEDIATE SHIPMENT.

THREE SIZES:

3 ft. x 6 ft. 3 rows, 10-inch glass
3 ft. 3-in. x 6 ft. 4 rows, 8-inch glass
4 ft. x 6 ft. 5 rows, 8-inch glass
1 7-16 inches thick.

OF STRICTLY CLEAR GULF CYPRESS

These sash are strongly braced,
very stiff, light, and durable.

Prices Reasonable.

**CLEAR HEART CYPRESS
GREENHOUSE MATERIAL.**

PLANS AND ESTIMATES FURNISHED.

**Lockland
Lumber Co.,
LOCKLAND, O.**

The Standard VENTILATING MACHINERY



The original machine with self-oiling cups. The most powerful, least complicated, very compact with ease of operation.

The New Duplex Gutter

Over six miles in use and highly recommended by all. The only Drip Proof gutter on the market.

The Standard Return Slem Trap

It has no equals for simplicity or its working. Catalogue free.

E. HIPPARD, Youngtown, Ohio,

ASK THE MEN

Apologies to
Red Raven

and don't forget the ladies also, all over the country, *East, West, North and South*, who have used carloads and carloads of our

GREENHOUSE BUILDING MATERIAL

PLACE YOUR ORDERS EARLY FOR
HOT-BED SASH Either Open
or Glazed.

They will tell you if you want the very *Best, Dryest, Cheapest, Modern, Up-to-Date, Wood or Iron Roof Material*, with comprehensive working plans and details, enabling any man to erect, to buy from us. **ASK FOR OUR FREE CATALOGUE.**

**Everything
for a Greenhouse.**

471 W. 22nd St., CHICAGO.
FOLEY MFG. CO.

The Regan Printing House

87-91 PLYMOUTH PLACE :: CHICAGO



DAY and
NIGHT

Printers

For Seedsmen and Florists.

Seed and Flower
Catalogues and Pamphlets.

Give us your
copy and we
will turn you
out the com-
plete work

One of the most complete plants in the country
for the manufacture of all kinds of Books.
Under one roof and one management.

Long Distance
Telephone
Harrison 85.

Send for
Estimates

Index to Advertisers.

Advertising rates.. 669
 Aiken Mark..... 666
 Ackers H R..... 667
 Albany Steam Trap Co 722
 American Blower Co
 3d Spec. Cover..... VI
 Amling E. C..... 663
 Anderson Wm..... 667
 Aschmann Godfrey 704
 Atlantic Coast Nurs 704
 Baldwin Geo..... 701
 Baller F A..... 706 704
 Bassett & Washburn
 663 631 706
 Baumann L & Co..... 715
 Baur Floral Co..... 708
 B. K. & B. Floral Co 669
 Bayersdorfer H & Co 711
 Beaven E A..... 701
 Beckert W C..... IV
 Bentley Coatsworth
 677 687 663
 Berckmans P J Co 703
 Berger Bros..... 664
 Berning H G..... 632
 Berry A A Seed Co 703
 Bertermann Bros Co 666
 Blaauw J & Co..... 704
 Bobbink & Atkins..... 675
 Boddington A T..... 704
 Boston Letter Co..... 705
 Brague L B..... 667
 Brant D Wood..... 663
 Branson S G Co..... 669
 Breitmeier's J Sons.....
 666 697
 Brod John..... 708
 Brown Bag Filling
 Co..... 732
 Bruns H N..... 663 702
 Buckley W T Co..... 708
 Budlong J A..... 676 663
 Burpee W A & Co..... IV
 Burton Jno Assignee 708
 Byer Bros..... 703
 Byer Floral Co..... 700
 Campbell Exors R..... 718
 Caldwell the Woods-
 man Co..... 664
 Calif Carnation Co 708
 Carmody J D..... 720
 Chadwick Chas..... 667
 Chase Rose Co..... 703
 Chicago Carnation Co
 711 705
 Chicago House
 Wrecking Co..... 722
 Clare & Scharrath..... 702
 Cleary's Hort. Hall..... 698
 Cleveland Cut Flow Co 664
 Cockcroft Jas D..... 700
 Coles W W..... 698
 Comey R H & Co..... 702
 Conrad & Jones Co..... 703
 Connell Benj..... 706
 Cotsonas Geo & Co..... 664
 Cottage Gardens Co 704
 Cowee W J..... 705
 Craig Wm P..... 696
 Crooke John J Co..... 715
 Cross Eli..... 706
 Crowl Fern Co..... 664
 Cunningham D O
 Glass Co..... 719
 Cunningham Jos H..... 708
 Davis B A B & Son..... 705
 Davis Bros..... 698
 Davis Bros Co..... 696
 Deamud J B..... 663 682
 Detroit Flower Pot
 Mfg..... 716
 Dickinson Seed Co..... 702
 Dietsch A & Co..... V
 Diller Caskey & Co 720
 Dillon J L..... 708
 Dillon's Mfg Co..... 722
 Dornier F & Sons Co..... I
 Dreier H A..... 671 719
 Dreyer R..... 698 708
 Dykhuys J..... 704
 Eaton H N..... 698
 Eicholz Henry..... 706
 Elliott Wm H..... 664
 Elliott Wm & Sons..... 702
 Emmons Geo M..... 708
 Ernest W H..... 716
 Fenrich J S..... 665 678
 Fisher Peter..... I
 Flower Growers Co.....
 663 678
 Foley Mfg Co..... 721
 For sale and rent..... 651
 Ford C S..... 713
 Ford Bros..... 665
 Foster Lucius H..... 698
 Freeman Jos R..... 666
 Gardeners Chronicle IV
 Garland Geo M..... 720
 Geller Sigmund..... 713 715
 Ghorley Wm..... 665
 Giblin & Co..... VI
 Glauber Emil..... 700
 Globe Eng Co..... 694
 Gunther Wm H..... 665
 Gurney Heater Co..... 722
 Gutman Alex J..... 665 680
 Hall & Jones Co..... 661

Hansen Julius..... 702
 Hauswirth P J..... 666
 Heller & Co..... IV
 Heller Bros..... 111
 Helms J M Sons..... 702
 Herendeen Mfg Co..... VI
 Hermitage Carnat Co 660
 Herr Albert M..... 701 706
 Herrmann A..... 715
 Hess & Swoboda..... 666
 Hews A H & Co..... 716
 Hillfeger Bros..... 706
 Hill The E G Co..... 188
 Hinode Florist Co..... 699
 Hippard E..... 720
 Hitchings & Co 4th
 Special Cover..... VI
 Hobbs E Co..... 696
 Holm & Olson..... 667
 Holton & Hunkel Co 662
 Hooker H M Co..... 719
 Horan Edw Co..... 665
 Hort Advertiser..... 719
 Horticulture Co..... 714
 Humfield C..... 701
 Hunt E H..... 663 680 709
 Indianap's Floral Co 667
 International Flow-
 er Delivery..... 666 667
 Jablonsky A..... 700
 Jacobs S & Sons..... 719
 Jennings E B..... IV 706
 Johnston Glass Co..... 719
 Kasting W F..... 1674
 Keller Geo & Son..... 706
 Keller Pot Co..... 716
 Kennicott Bros Co 683
 Kentucky Tobacco
 Product Co..... 710
 Kervan Co The..... 634
 King Construction Co 719
 Kline C W Floral Co 708
 Knapp Chas A..... 698
 Kohr A F..... 716
 Koppelman E L & Co 712
 Koral Mfg Co..... 715
 Kramer I N & Son..... 716
 Kreshover L J..... 704
 Krick W C..... 716
 Kroeschell Bros Co..... V
 Kuehn C A..... 662
 Kuhl G A..... 698 700 695
 Lager & Hurrell..... 708
 Lang Julius..... 665
 Langjahr A H..... 665
 Larchmont Nurseries 703
 Lehman Bros..... 715
 Leiken..... 663
 Lee C K..... 664
 Livingston Seed Co 715
 Lockland Lumber Co 720
 Loomis Floral Co..... 700
 Lord & Burnham Co
 2d Spec Cover..... VI
 Loven J G..... 667
 Mader Paul..... 708
 May John N..... I
 McCullough's J M
 Sons Co..... 662
 McKellar Chas W..... 684
 McManus Jas..... 682
 Menand H L..... 664
 Mette Henry..... IV
 Metropolitan Mate-
 rial Co..... 719
 Meyer Jno C & Co 3d
 Spec. Cover.....
 Mich Cut Flower Ex 686
 Millang Chas..... 665 684
 Mills The Florist..... 666
 Moller Ludwig..... IV
 Moninger J C Co..... V
 Moon The Wm H Co 703
 Moore Hentz & Nash 665
 Mosback Ludwig..... 706
 Murchie John..... 688
 Murdoch J B & Co..... 662
 N Y Cut Flower Co.....
 665 673
 N Y Cut Flower Ex 65
 Nickel Plate R R 712 IV
 Niessen Leo Co..... 664
 Northern Michigan
 Evergreen Nursery 667
 Ocean Park Floral Co 698
 O'Hagan J H..... 703
 Palmer W J & Son 666 696
 Park Floral Co..... 696
 Peacock L K..... 702
 Peterson Nursery..... 704
 Phila Cut Flower Co 667
 Phila Wholesale
 Flower Market..... 664
 Phillips Mfg Co..... 719
 Pierson-Sefton Co..... VI
 Pittsburgh Cut Flo 6662
 Pittsburgh Florist Ex 662
 Poehmann Bros.....
 663 700 707
 Pollworth C C Co 666 716
 Pure Culture Spaw
 Co..... 702
 Quaker City Mach Wks 719
 Randall A L Co 663 694
 Rawson W W & Co IV
 Raynor J L..... 665
 Red & Keller..... 710

Regan Print House 721
 Reinberg Geo..... 643 694
 Reinberg Peter..... 685 696
 Renison J C..... 696
 Rice Bros..... 667
 Rice James B Co..... 709
 Rice M & Co..... 715
 R. J. Chon A Fil..... 704
 Robinson H M & Co 662
 Roehrs Julius..... 704
 Rolker A & Sons..... 703
 Rossig Bros..... 712
 Rossiter H..... 708
 Sander & Sons..... 702
 Schillo Adam..... 721
 Schluraff Floral Co 700
 Scott John..... 679
 Sharp Partridge & Co 719
 Sherman Nursery Co 670
 Sheridan W F..... 665
 Sievers & Boland..... 666
 Sinner Bros..... 667 688
 Skidelsky S S..... 688
 Smith Nath & Son..... 692
 Smith W & T Co..... I
 Smits Jac..... 703
 So Floral Nurs Co..... 706
 Spaulding Nursery &
 Orchard Co..... 719
 Sprague Smith Co..... 719
 Standard Pump &
 Engine Co..... VI
 Stearns Lumber Co 720
 Steffens Emil..... 705
 Stenzel Gass Co..... 709
 Stoothoff H A & Co
 700 703 704 712
 Styer J J..... IV

Suzuki A Iida..... 669
 Swayne Wm..... 694
 Syracuse Pottery Co 716
 T. Imaon Gunnar..... 700
 Thompson J D Car-
 nation Co..... I 695
 Thorburn J M & Co IV
 Tobacco & Warehouse
 Trading Co..... 715
 Totty Chas H..... 686
 Traendley & Schenck 665
 Van Kleeff W A S 6703
 Vaughan's Seed Store
 I IV 673 694 703 704 716
 Vaughan & Sperry..... 663
 Vick's Sons Jas..... IV
 Washburn R R..... 714 719
 Watson W H..... 701
 Weber F C..... 666
 Weber H & Sons..... 694
 Weeber & Don..... IV
 Weiland Peter..... 692
 Weiland & Risch..... 667
 Welch Bros..... 634
 West'n Carnat'n Co 700
 Whilldin Pot Co..... 716
 Wickham Bros..... 714
 Wietor Bros..... 690
 Winandy M..... 663
 Winterson E F Co..... 689
 Wittbold Geo Co.....
 666 681 692 708
 Wolf John..... 662
 Wood Bros..... 691
 Young John..... 665
 Young Thos Jr..... 665 696
 Young & Nugent..... 665

HEATING SUPPLIES

Overhauled Boilers.

The following horizontal tubular boilers will be shipped complete with all fittings and trimmings, and are first-class for heating purposes.

| | |
|--------------------------------------------------------------|----------|
| 3-30x8, each..... | \$ 70.00 |
| 3-36x10, each..... | 90.00 |
| 4-36x12, each..... | 100.00 |
| 2-42x12, each..... | 125.00 |
| 2-42x14, each..... | 145.00 |
| 1-42x10 Fire-box Heating Boiler..... | 150.00 |
| 1-42x12 Fire-box Heating Boiler..... | 165.00 |
| 1-42x14 Fire-box Heating Boiler..... | 175.00 |
| 1-48x12 Fire-box Heating Boiler..... | 185.00 |
| 1-Cast-Iron "Florida" Heating Boiler, capacity 1000 feet. | |

Also high pressure boilers of every kind, and a large lot of cylinder boilers of all sizes.

Boiler Tubes.

Large quantity of boiler tubes, ranging in size from 2 to 6-inch. Ask for price.

Wrought Iron Pipe.

All sizes from 3/4 to 14-inch, overhauled and complete with threads and couplings.

Greenhouse fittings and supplies of every sort:

WE ISSUED A SPECIAL CATALOGUE. ASK FOR CATALOGUE NO. 27.

Chicago House Wrecking Co.

W. 25th & Iron Sts., CHICAGO, ILL.

PADUCAH, Ky.—Robt. E. Rudolph has opened a flower store at 428 Broadway.

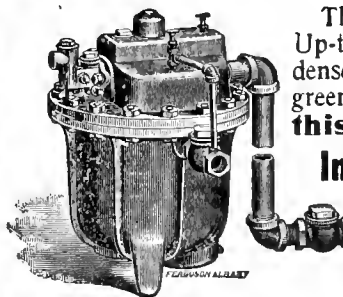
ATCHISON, KAN.—W. M. C. Frazier is rebuilding his greenhouse, using concrete for side and end walls.

Eureka Greenhouses.

The Best and Lowest in Price. All houses erected at the factory and shipped to purchasers with blue prints, photographs and plain directions so that any person can put them up.

DILLON GREENHOUSE MFG. CO., Bloomsburg, Pa.

Steam Traps SAVE COAL



This is the Return Steam Trap used by the Up-to-date Greenhouse men to return the condensed water from the heating coils in their greenhouses. Have been in use for this purpose over 30 years.

Insures an Even Temperature.

Send For Red Catalogue.

Albany Steam Trap Co.

ALBANY, N. Y., U. S. A.

CROP INSURANCE.

Life Insurance is valuable because it guarantees the outcome.

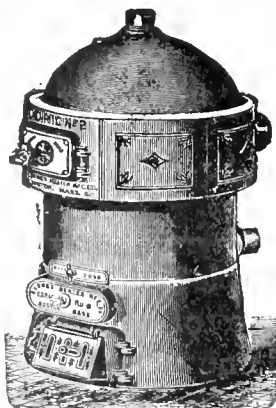
"Gurney" Heaters

"BRIGHT IDEA," "DORIC" and "400 SERIES" do the same thing for your hothouse: THEY GUARANTEE THE CROP. First of all they save 20 per cent on the coal bill and so keep expense at a minimum. Next, they produce an even heat and so do not imperil the life of the plant. Next, they are simple to operate and so require least attention. Lastly, they wear longer than others and thus perceptibly reduce the capital invested. Don't buy or exchange until you've investigated them.

GURNEY HEATER MFG. CO.

74 Franklin Street,
BOSTON, MASS.

111 Fifth Avenue,
NEW YORK CITY.



"DORIC" HEATER.

THE AMERICAN FLORIST



America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."

Vol. XXIII.

CHICAGO AND NEW YORK, NOVEMBER 26, 1904.

No. 860

THE AMERICAN FLORIST

TWENTIETH YEAR.

Copyright 1904, by American Florist Company.
Entered as Second-Class Mail Matter.

PUBLISHED EVERY SATURDAY BY

AMERICAN FLORIST COMPANY,

324 Dearborn St., Chicago.

Eastern Office: 42 W. 28th St., New York.

Subscription, \$1.00 a year. To Europe, \$2.00.

Subscriptions accepted only from the trade.

Volumes half-yearly from August, 1901.

SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—PHILIP BREITMEYER, Detroit, Mich., president; J. J. BENEKE, St. Louis, Mo., vice-president; Wm. J. STEWART, 11 Hamilton Place, Room 11, Boston, Mass., secretary; H. B. BEATTY, Oil City, Pa., treasurer.

OFFICERS-ELECT—J. C. VAUGHAN, president; J. R. FREEMAN, vice-president; secretary and treasurer as before. Twenty-first annual meeting at Washington, D. C., August, 1905.

THE AMERICAN CARNATION SOCIETY.

Annual convention at Chicago, January 28-29, 1905. ALBERT M. HERR, Lancaster, Pa., secretary.

AMERICAN ROSE SOCIETY.

Annual meeting and exhibition, Boston, Mass., 1905. LEONARD BARRON, 136 Liberty St., New York, secretary.

CHRYSANthemum SOCIETY OF AMERICA.

Annual convention and exhibition, November, 1905. FRED H. LEMON, Richmond, Ind., secretary.

THIS ISSUE 44 PAGES WITH COVER.

CONTENTS.

| | |
|-----------------------------------------------------------------------------|-----|
| Conference of horticulturists at World's Fair flower show | 723 |
| —Active participants in conference and World's Fair flower show (portraits) | 725 |
| Horticultural societies—paper by Robt. Kift | 726 |
| Additional Chicago awards (illus.) | 727 |
| The rose—cultural notes for winter | 727 |
| The chrysanthemum | 728 |
| —Notes and comments | 728 |
| —Chrysanthemum Society of America | 728 |
| Palms and ferns—exhibition material | 729 |
| Poor arrangement of exhibits | 730 |
| Market gardens—notes and suggestions | 730 |
| Exhibition at Toronto | 731 |
| The retail trade | 731 |
| Ladies in the trade (portrait) | 731 |
| New York | 731 |
| Chicago | 732 |
| Philadelphia | 732 |
| Boston | 732 |
| St. Louis | 733 |
| Baltimore | 733 |
| Minneapolis | 733 |
| New Orleans | 733 |
| Retarding bulb stock | 734 |
| Society for Horticultural Science | 734 |
| Massachusetts Horticultural Society | 735 |
| Obituary | 735 |
| The seed trade (illus.) | 742 |
| Louisville | 742 |
| The nursery trade | 744 |
| —Fall use of sulphur sprays | 744 |
| Pittsburg | 744 |
| Our pastimes | 746 |
| St. Paul | 756 |

CONFERENCE OF HORTICULTURISTS

At World's Fair Flower Show, St. Louis, Nov. 10, 1904.

Following are more of the letters read before the conference of horticulturists at the World's Fair, St. Louis, Mo., November 10. The conclusion of the conference matters will follow in another issue.

BY WILHELM MILLER.

Extracts from the letter from Wilhelm Miller, editor of Country Life, Ithaca, N. Y.:

It is the object of this paper to show the methods by which two great horticultural enterprises have been able to make every dollar do the work of three dollars and to show that this method has a practical and personal application to all of us, for horticulture appeals directly to a man's heart (since his garden is his outdoor living room, and if he is any kind of a man at all he takes some pride in his home life), and therefore the best thing a man can do with his garden, or his interest in horticulture, whatever it may be, is to put it into such shape that he may enjoy it to the most while he lives and humanity after him. In other words, every man, rich or poor, can do something for science and for himself at the same time.

One of the most fruitful gifts that was ever made to humanity was that which resulted in the Arnold Arboretum, the best collection of hardy trees and shrubs in the United States. Although the arboretum is of immense practical value to horticulture, the chances are that the story of its foundation is unfamiliar to the majority of this audience, even to those who have had the pleasure of a visit to the arboretum. James Arnold was not particularly interested in trees and shrubs, he did not leave the money for that specific purpose, and his gift was rather small. He was a New England merchant who retired at fifty, enjoyed a good garden, and had confidence in the judgment of his friend, George B. Emerson, author of the well known report on the forest trees of Massachusetts. Doubtless, acting on Mr. Emerson's suggestion, he left the money for the improvement of agriculture or horticulture, purposely stating the object in the vaguest possible manner, so that the trustees could put the money into whatever promised the biggest returns to humanity.

It happened that they put the money into a collection of trees and shrubs. It happened that they were fortunate to secure as director a wealthy man who not only gave them the best collection of books on trees and shrubs in the world, but better still has devoted his life to the service of science in the same spirit and with the same effectiveness as Lawes and Gilbert or Charles Darwin. In fact, it was this director, Professor Sargent, who made the notable bargain with Harvard University and the city of Boston, which has magnified the original gift of James Arnold to an effectiveness far beyond his dreams, so that his service to humanity becomes comparable to that of two colonial ministers who gave what they could spare, viz., Elihu Yale and John Harvard.

Now for some of the fruits of this piece of financial engineering which it took five years to perfect: First, the Silva of North America, probably the most splendid scientific book of any kind that has been produced in the western hemisphere, certainly the best work ever published that describes the trees and shrubs of any country. Second, Garden and Forest, the best horticultural periodical we have ever had. Third, the Jessup collection of the trees of North America, now preserved in the American Museum of Natural History at New York, a collection which is all a tree-lover, horticulturist, botanist, forester, lumberman or woodworker could wish for. Fourth, its census of the forest wealth of the country, which had much to do with the establishment of a national forest reserve that now amounts to sixty-two million acres of timberland. Fifth, its work in connection with the establishment of the first state reserve, that of New York. Sixth, its part in the rescue of Niagara Falls and the creation of a great park there. Seventh, its contribution to landscape gardening, since it has shown that a botanical garden may be made primarily a beautiful park, instead of a mere outdoor museum. Eighth, its educational value to the general public, to college students, and to nurserymen and to nurserymen and gardeners. Lastly, its direct practical services to horticulture.

ture in testing the hardiness and ornamental value of new and rare trees and shrubs. All this is a great deal to grow out of a gift of about \$10,000 in 1868, but a wise gift often grows that way. An acorn makes a small start, but it has big possibilities. Every small city and every county needs some sort of improvement or horticultural society. The country is now crying for a set of decently trained gardeners, and the only way to get them is to start agricultural high schools. We must find better ways of fighting the San Jose scale, the gipsy moth and the brown-tail moth. Washington ought to have a national museum and horticulture should be properly represented in it. Despite our enormous superiority in numbers and wealth we are far behind England in horticultural periodicals and other publications. It is a disgrace that we have no American Horticultural Society with a permanent home, a permanent library and a permanent secretary.

These are a few of the big things that are to be done, and of the small there are enough to keep us all busy. Rich or poor we can all help some way in the management of small parks, school gardens or the cultivation of vacant lots. It is clearly recognized that a man who makes a fortune in a given city ought to do something for horticulture. Let each of us do what we can for humanity by investing what he can spare in horticulture and whatever we do let us be sure that we make the best possible bargain and get the people to put up two dollars for every one we can spare.

BY LUTHER BURBANK, SANTA ROSA, CAL.

A telegram was read from Luther Burbank expressing sympathy with the object of the meeting and referring to certain pages of his essay on "Fundamental Principles of Plant Breeding," from which we take the following extracts:

"The vast possibilities of plant-breeding can hardly be estimated. It would not be difficult for one man to breed a new rye, wheat, barley, oats, or rice which would produce one grain more to each head, or a corn which would produce an extra kernel to each ear, another potato to each plant, or an apple, plum, orange or nut to each tree. What would be the result? In five staples only in the United States alone the inexhaustible forces of nature would produce annually, without effort and without cost, 5,200,000 extra bushels of corn, 15,000,000 extra bushels of wheat, 20,000,000 extra bushels of oats, 1,500,000 extra bushels of barley, 21,000,000 extra bushels of potatoes.

"But these vast possibilities are not alone for one year, or for our own time or race, but are beneficent legacies for every man, woman and child who shall ever inhabit the earth. And who can estimate the elevating and refining influences and moral value of flowers with all their graceful forms and bewitching shades and combinations of colors and exquisitely varied perfumes? These silent influences are unconsciously felt even by those who do not appreciate them consciously, and thus with better and still better fruits, nuts, grains and flowers will the earth be transformed, man's thoughts turned from the base, destructive forces into the nobler productive ones which will lift him to higher planes of action, toward that happy day when man shall offer his brother man, not bullets and bayonets, but richer grains, better fruits and fairer flowers.

"Cultivation and care may help plants to do better work temporarily, but, by

breeding, plants may be brought into existence which will do better work always in all places and for all time. Plants are to be produced which will perform their appointed work better, quicker, and with the utmost precision. Science sees better grains, nuts, fruits and vegetables, all in new forms, sizes, colors and flavors, with more nutrients and less waste, and with every injurious and poisonous quality eliminated, and with power to resist sun, wind, rain, frost and destructive fungus and insect pests; fruits without timber trees, and sugar, starch, color and perfume plants. Every one of these, and 10,000 more, are within the reach of the most ordinary skill in plant-breeding."

BY H. C. IRISH.

I am greatly interested in everything which leads toward the advancement of horticultural interests and one of the questions which has impressed me for years has been a more central organization which will bring together more closely all of the branches of horticulture as they are represented today. We have horticulture divided into floriculture, pomology, gardening and landscaping, and there are many organizations representing these different branches without any central organization, without any head which will unite them together and it seems to me with such a central organization, with such a head, that the weight of all of these organizations will be greatly increased. That we would be able to accomplish or might have been able to accomplish more, that we might have had and should have had at the World's Fair this year, and it seems to me we should profit by this experience and begin now to prepare for any future work.

Now as to the details of such organization, of such a plan, I am not just prepared to offer any suggestions. That is a matter which will require a great deal of study and thought and I think it could be worked out. The object of the organization would be to bring more closely

together these persons who are interested in the work so as to accomplish as much as possible with the least effort, that there is no waste of energy. It seems to me that in the whole field of horticulture to-day there is too much waste of energy. There is not a systematic arrangement, but if we had a central head, a central organization, a central counsel by which all of the horticultural interests will be classified, that there will not be more work done in some particular line and not enough work in another line, but all phases will be properly organized and a great deal more accomplished. I hesitate, for I think sometimes we have already too many organizations, that there is danger in starting more organizations, and yet I do not know that it is necessary to create any new organizations, but to bring more closely together those we have now. This may lead to a permanent home, to a permanent library.

There is no limit to what may be accomplished if all branches of horticulture are brought together. I want to emphasize a remark which was made with reference to the work in creating an interest among the young generation, among the school children. I might give an experience I had here some years ago. An organization in the city undertook the distribution of seeds to the children. They got permission to sell these seeds at a nominal value through the schools and there was so much interest created that without any special effort 70,000 seed packages were distributed to the children of St. Louis. That was simply a beginning, the first effort that was made in that direction and if all who are interested in creating an interest among the young generation would unite in carrying on that work I think that there would be a gradual and you might say rapid growth, so that in a few years this interest might be so centered, might become so strong we would not know how it had come about, but there would be a continual growth. The horticultural education would be something of endless value.

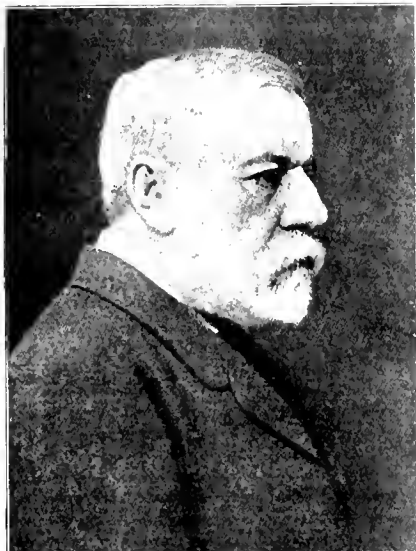


CARNATION ROBERT CRAIG AT THE CHICAGO EXHIBITION.

(Exhibited by the J. D. Thompson Carnation Company, Joliet, Ill.)



William Falconer.



Prof. C. S. Sargent.



George C. Watson.



Wilhelm Miller.



Prof. L. R. Taft.



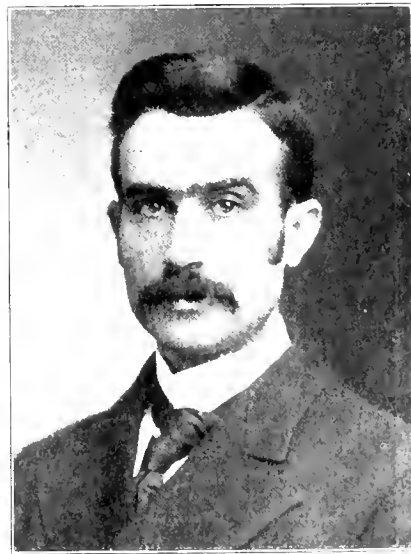
Luther Burbank.



Arthur T. Herrington.



H. C. Irish.



William Duckham.

SOME OF THE ACTIVE WORKERS AT THE WORLD'S FAIR FLOWER SHOW AND CONFERENCE OF HORTICULTURISTS

Horticultural Societies.

[A paper by Robert Kift, of Philadelphia, read before the Germantown Horticultural Society, November 14, 1904.]



The love of flowers, particularly when they are the result of one's own care and culture, is soon broadened into a desire that others shall also share in your good fortune. Friends are called in to admire and perhaps carry away a few choice blossoms which shed their beauty and fragrance elsewhere, finding new friends wherever shown. Often these flower lovers get together to compare each other's products and finally at the proper seasons they bring their best and place them in competition, so that all may be seen and merit be suitably rewarded. These pioneer gatherings formed the nucleus of the horticultural societies of to-day. In later years these amateur bodies have been materially helped by trade organizations, the members of which being engaged in the cultivation of flowers for a livelihood had gotten together for their mutual benefit, and who found in the horticultural society an important ally through which to reach the public. Ofttimes where there was no organized horticultural body these trade organizations took it upon themselves to hold exhibitions and which in every case were productive of good results in the bringing of large numbers of the people together to see the newest and best things in flowers and plants, and thereby instilling a love and cultivating a taste for their products. It would be difficult to estimate the good that has resulted to horticulture from these organizations throughout the world, but judging from the delighted comments of the thousands of visitors to the various exhibitions in

all the large cities of the United States the past decade, together with the newspaper publicity so generously bestowed, it must have been greatly beneficial.

While we may look with pride on what has been accomplished, yet there remains much that is possible and which could be done with but little more effort and that would still further the usefulness of our societies.

Last summer, during a visit to Colorado Springs, I visited the exhibition of the El Paso County Horticultural Society, of that city. The exhibition was held in the city square park, under three large tents, and was a very creditable display. But the feature with which I was particularly pleased was the awarding of prizes for the best kept grounds and lawns, as well as individual flower beds, vine-clad porticos, etc. Those entering for prizes notified the secretary by the first of June each year. A committee inspected the various entries during the season and had most of them photographed at their best. These photos were placed on view at the exhibition and made very interesting studies. A great deal of interest was taken in the contest by the residents and in consequence the standard of excellence was set much higher.

Before another year the society is promised a \$20,000 building of its own, a gift of General Palmer, a wealthy member of the society. He is also spending a half million dollars on a park to be given to the city: Never have I seen the grass so green or the lawns more beautiful than here. All the watering is by irrigation, the water flowing along the gutters and being let into the house-yards through sluice boxes under the pavement.

If education of the public in things horticultural is our object it would seem that here is as advantageous a competi-

tion as that of plants and flowers gathered together in a building. There are classes here the same as in the staged exhibits—each particular entry being judged on its merits as compared with another in its class. Fine examples of this landscape or gardening work being on exhibition at all times, to all observers, cannot fail to be admired and have great weight in the education of the masses for more beautiful surroundings.

In the large cities where houses are built close together, there can be the competition between balcony and window decoration. How much more beautiful our city streets would look if these places of vantage were graced with boxes of blooming plants, thus adding form and color to the otherwise plain surfaces.

Last summer an effort was made by the City Parks Association of the city, to encourage this form of decoration. They selected Walnut street from Broad to Twentieth, and were instrumental in having about fifty windows so decorated in addition to the few then in use. They agreed to have them taken care of while the residents were away for the summer, at a nominal sum. The effect was beautiful until August set in, when the plants began to look badly and many of them had to be replaced. A little experience will, however, enable this form of decoration to be kept up all summer at comparatively small expense, and it is hoped to see the custom become general all over the city.

During a visit to Brussels, in Belgium, some years ago, I noticed boxes for window and balcony decoration were much in evidence. On inquiry it was found that a City Improvement Association had charge, or rather was encouraging the work by offering prizes for the best examples, in classes, so that all should have a chance. While it is true that horticulture means culture of the garden and the plants that grow therein, it seems as if educational work of this character could be legitimately taken up by horticultural societies and, with their prestige, better and more permanent results obtained.

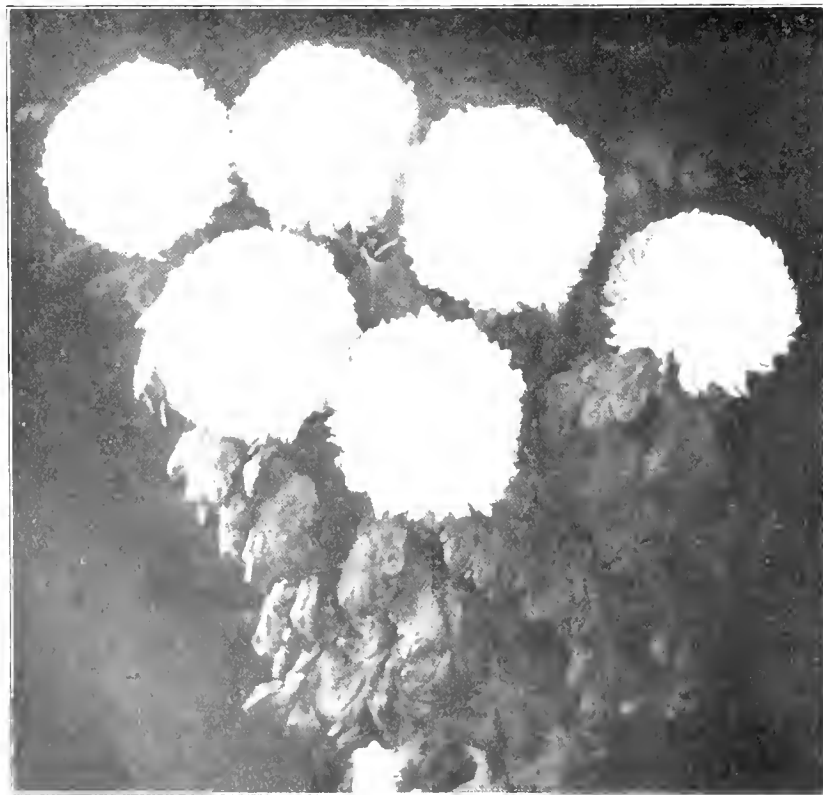
A gentleman who occasionally visits Horticultural Hall in Fairmount park, said to me recently: "As soon as I set my foot in the door of that conservatory, I feel that for the time being all I see is mine and many a quiet hour have I spent enjoying the feast prepared for me."

It has been my thought for a long time that no municipal park can be complete without a large show conservatory, together with a lot of working or forcing houses, to keep the exhibition hall, if it might be so called, filled at all times with the very best of seasonable blooming plants.

Think of such a house filled with magnificent azaleas! What a chrysanthemum show could be given there. And the minor displays of calceolarias, cyclamen, cinerarias, begonias, primroses, poinsettias, orchids, etc., that from time to time would make worthy successors.

Horticultural Hall, in Fairmount park, a legacy from the centennial, is doing a grand work, but on account of its construction and the small appropriation annually doled out for its maintenance, but little of the work I have in mind is carried out. Fifty thousand dollars per year, or perhaps considerably less, would suffice to keep such a plant, after once established, up to a high grade of efficiency.

What a great gain to this community such an establishment would be, as a factor in educating the people and help-



CHRYSANTHEMUM JEANNIE NONIN AT CHICAGO SHOW, NOV. 15-19, 1904.

(First prize for seedlings shown by E. G. Hill Company, Richmond, Ind.)



NEW ROSE RICHMOND AT CHICAGO EXHIBITION, NOV. 15-19.

(Exhibited by the E. G. Hill Company, Richmond, Ind.)

ing to instill in them a love for flowers it would be invaluable. Could we as horticulturists bring this about we would greatly increase our usefulness, for here would be on view at all times, the best of everything in flowers, a perpetual flower show.

I believe it possible to enlist private aid for the establishment and perhaps maintenance of such a plant. Millions of money is oftentimes bequeathed to less worthy objects. The above are a few of the subjects that come within the scope of horticultural bodies, and their achievement would but keep us in line with the rapid progress of the day.

Additional Chicago Awards.

The following completes the list of awards made at the fall exhibition of the Horticultural Society of Chicago, November 15-19:

Best basket of orchids—first, H. G. Selfridge, \$40; second, W. J. Smyth, \$25.

Best Bride and Bridesmaid bouquets—first, Samuel Muir, \$30; second, H. E. Klunder, \$20.

Best basket of roses—first, Sam'l Muir; second, H. C. Rowe.

Best basket of carnations—first, E. Wienhoeber; second, H. C. Rowe.

Best foliage fern jardiniere—first, Geo. Wittbold Company.

SPECIAL AWARDS.

For table decorations—honorable mention to Sam'l Muir, C. Samuelson, Wm. J. Smyth, Joseph Curran and John Mangel.

To H. C. Rowe, for basket of orchids, special gratuity.

To Conrad Frauenfelder, for basket filled with violets, honorable mention.

To Lincoln park for specimen plant of *Goniophlebium subauriculatum*, certificate of merit; group of cyclamens, honorable mention; Boston fern, certificate of merit.

To West Chicago parks, for group of palms and foliage plants, certificate of merit.

To Mrs. George M. Pullman, for group

of palms and foliage plants, certificate of merit.

To John Scott, Brooklyn, N. Y., for group of foliage plants, honorable mention; for group of ferns, certificate of merit.

To F. R. Pierson Company, Tarrytown, N. Y., for group of new fern, Tarrytown, certificate of merit.

THE ROSE.

WELLESLEY, the new production of that veteran grower, Alexander Montgomery, will be watched with interest.

Cultural Notes for Winter.

Now that we are approaching the shortest days of winter, the greatest care should be exercised not to overwater the roses. Experience has taught us that just after a heavy crop has been cut from a bench or house of roses, root action is much stronger if the beds are kept on the dry side for a week or ten days, and without an active root action a healthy growth is impossible. Do not overdo the matter and let the beds get dust dry, for the results of this extreme are more disastrous than the other. Endeavor to keep them in a mellow condition. We take advantage of every bright morning to give the plants a good syringing, for the time is fast approaching when we shall have many dark and wet days and it will not be practical to have much moisture around the roses.

One of the most important duties of the successful rose grower at this time of year is to carefully attend to the ventilation. Do not let the houses run up to 80° and then of a sudden run the ventilators clear up. If a big crop is expected from this kind of treatment, it may be realized, but instead of a crop of cut flowers it will be a crop of mildew, red spider and blackspot. We run our Bride, Bridesmaid and Golden Gate houses 55° or 56° at night with a rise of about 5° during the day, and as soon as the thermometer indicates 62° to 65° we raise the ventilators just a few inches, and, as the sun gets stronger, raise the sash a little higher but never high enough to



SEEDLING NO. 5. AT THE CHICAGO SHOW, NOV. 15-19.

(First prize for six yellow, shown by H. W. Buckbee, Rockford, Ill.)

lower the temperature of the house. The same care is exercised during the afternoon in reducing the air.

Before I conclude my remarks for this issue, I wish to mention the importance of disbudding. I can well remember when we never thought of disbudding roses, but now it is almost as essential as it is to disbud carnations, for the best and finest stock is what is wanted even in our small country towns. I have always found that the public is willing to pay a fair price for a first-class article, and we should make every effort to produce the very best. We go over our roses about once a week and pull off all the side shoots while they are young and sappy. If left till they become well established and tough, it will not only take longer to do the work, but the result will be a failure for the object is to throw all the strength of these side shoots into the central bud which is impossible after the side shoots have already taken their share. I believe that Chateau requires more attention in this respect than any other variety we now force. This splendid variety has come to the front to stay and will well repay any extra attention given it.

Probably over nine-tenths of the rose growers in the country know that their plants should be treated in the above manner, but many get careless in their work. In our business it is not what a man knows, but what he does, that produces results. One of the best growers I have ever had was a man who had never seen the inside of a greenhouse until he started to work here, but in three months' time he was a good, careful man with the hose and could be

trusted to water almost anything on the place. He would never pick up the hose to water until he had first examined the beds. He would watch the thermometer and keep the ventilators at the right height to allow the proper amount of air. He could be trusted to do this according to instructions, something hard to say of many know-it-all men.

W. W. COLES.

CHRYSANTHEMUMS

Notes and Comments.

I would be glad to hear from others in regard to the Chrysanthemum Wm. Duckham. I am quite disappointed with it since blooming. While it is a thrifty grower with strong healthy foliage and good stem, the flowers are quite small and deficient in petalage. It reminds me very much of the old Lilian Russell in color and habit of incurving but with petals slightly narrower and fewer of them. I have no use for a flower so small and lacking in fullness. From reading about it last fall and this spring I had expected great things from this chrysanthemum. Unless I hear that it is doing no better with others I will give it another trial in a small way next season.

After blooming I have to pronounce the S. T. Wright an "all right" flower with good stem and strong, handsome foliage and bloom enormous, reflexed, deep velvety crimson, reverse old gold. I know of nothing in this color anywhere nearly so good or satisfactory.

Dr. Enguehard at this writing, November 1, is a good 4-inch pink bud-

foliage very handsome with stiff stem.

I do not find anything in bronze to equal Golden Gate with its immense balls of wide twisted petals of a beautiful and gorgeous shade of old gold.

Col. D. Appleton is certainly a find among yellows. It is nearly all that could be desired in size, shape, stiff stem, good enough foliage and a healthy grower. I predict that it will be a long while before this grand acquisition is superseded.

With me Thornden is much admired, a great reflexed bloom fully as large as the Appleton, of the deepest and most brilliant shade of yellow in the chrysanthemum family.

Another flower that chrysanthemum lovers delight to praise is Mrs. George West, of largest size, an aristocrat in color and form, easy to grow and good for two weeks' display after cutting.

Both Mrs. Robinson and Mrs. Bassett are still wonderful blooms with nothing finer at any season.

While the A. J. Balfour is the most beautiful shade of any pink and a healthy grower, I have not succeeded in getting the blooms as large as I desire. I shall try this another year, benching plants the last of May.

I shall also continue to plant Mrs. Coombes, Viviani-Morel and Quito for pinks, but know of no good white to fill the gap between Mrs. Robinson and Timothy Eaton. This is badly needed.

I am pleased with the shape and color of Globosa Alba, a new incurved white, larger in size than Ivory, and I think superior commercially.

I shall try out next year Mrs. N. Smith, Miss Helen Frick, F. A. Cobbold and Mrs. H. W. Buckbee, as they did not make sufficient growth for large blooms with me this season, maybe owing to having been set too solidly in the bench after a trip of nearly a thousand miles by express.

The weather this fall has been nearly ideal for chrysanthemums, being dry, clear and not too hot in the middle of the day. We see no spot, fungus, mildew or sun-scald about the house.

RUFUS W. SMITH.

Chrysanthemum Society of America.

WORK OF COMMITTEES

Adelia, exhibited by John Breitmeyer's Sons, Detroit, Mich., before Philadelphia committee, November 19; color white, Japanese, scored 84 commercial scale.

Majestic, exhibited by John Breitmeyer's Sons, at Philadelphia, November 19; color white; Japanese, tinted petals, scored, commercial scale, 79 points.

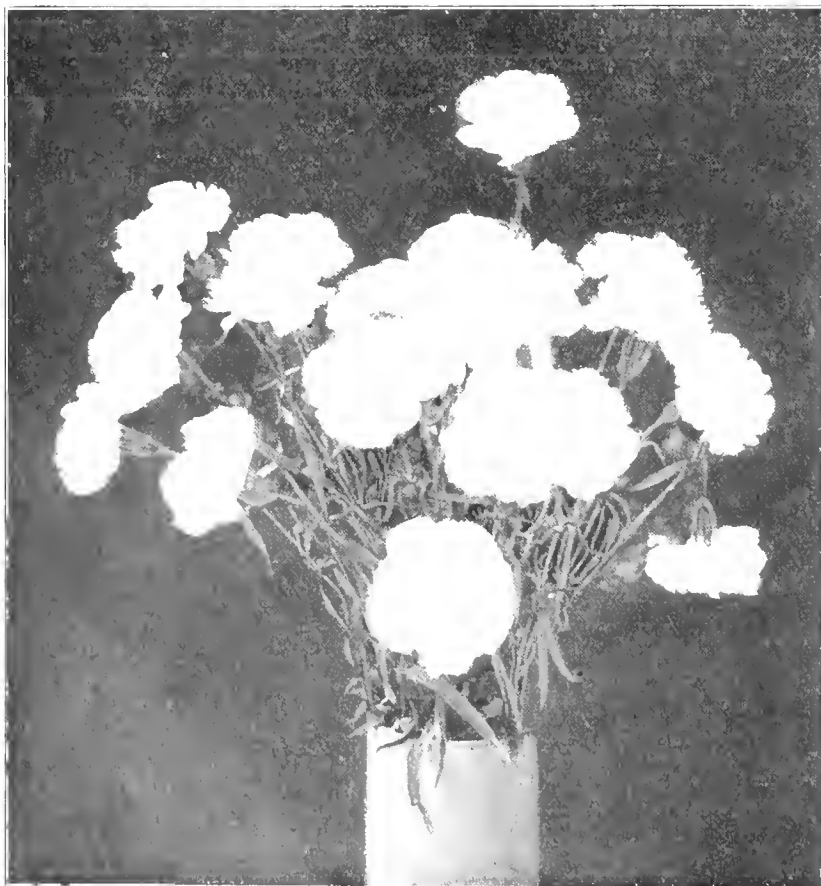
Madonna, exhibited by John Breitmeyer's Sons, Philadelphia, November 19; color pink, Japanese, scored, commercial scale, 80 points.

Mlle. Jeannie Nonin, exhibited by the E. G. Hill Company, Richmond, Ind., at Philadelphia, November 19; color white, Japanese, scored, commercial scale, 90, exhibition scale 87 points.

Souv. de Calvat Pere, exhibited by Henry Eichholz, Waynesboro, Pa., at Philadelphia, November 19; color white slightly tinged with rose, Japanese, scored, commercial scale, 36, exhibition scale 87 points.

Mlle. Jeannie Nonin, exhibited by the E. G. Hill Company before the Chicago committee on Saturday, November 19; color white, incurved; scored, commercial scale, 98 points.

FRED. H. LEMON, Sec'y.



CARNATION MY MARYLAND AT CHICAGO EXHIBITION, NOV. 15-19.

(Exhibited by H. Weber & Son, Oakland, Md.)

PALMS AND FERNS.

Exhibition Material.

The exhibition season brings to mind the fact that the classes consisting of twelve palms, or the same number of ferns, are not so well filled in many of our exhibitions as they should be, nor is there the amount of competition in these classes that might be expected in the present status of horticulture in this country. That there are many fine specimen palms and ferns throughout the country can

midrib in groups of two or more, as will be noted among some of the *phenixes*, *diplothemiums* and *cocos*. After these may be placed those with flabellate leaves that have blunt tips to the leaflets, and in this group the most familiar example will be found in *rhapis*. Then there are those with bifid leaves and very broad segments, *verschaffeltia* being a representative of this class, and *stevensonia* as a young plant partaking of the same character.

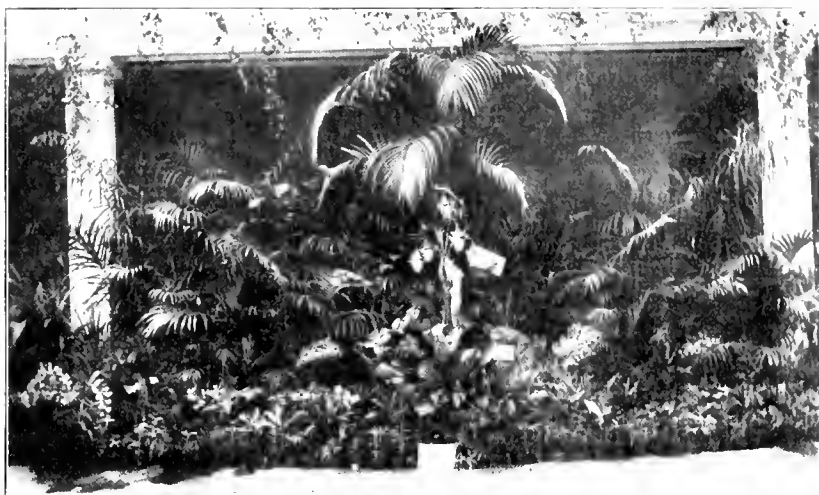
There are also those of a more or less scapient habit, such as the *calamus* and *desmoncus*, without taking into con-

the class was open to commercial decorative stock. In the latter case the exhibitor might safely include made-up kentias, arecas and other of our common trade species that are so largely used in that way. It is probably better, however, that distinct classes should be made for single specimens and for commercial palms, the private gardener not having the advantage of a large stock of assorted sizes from which to manufacture specimens, as may be done by the commercial grower.

As to sizes of plants for exhibition, one must be governed to some extent by the species at hand for the purpose, but a group is usually more effective when shown in pots that nearly alike in size, whether it be 8-inch, 10-inch or 12-inch pots, the latter size being large enough to show the character of the majority of palms, though many of them will appear to much better advantage if one has the space to grow them still larger. Of palms of moderate growth the following species may be suggested for a group of twelve, *Licuala grandis*, *Areca lutescens*, *Kentia Belmoreana*, *Latania rubra*, *Cocos Bonnetii*, *Livistona altissima*, *Phoenix rupicola*, *Rhapis flabelliformis*, *Thrinax argentea*, *Caryota urens*, *Chamaedorea Ernesti-Augusti* and *Ceroxylon niveum*. But owing to the great abundance of species, a prize-winning group may readily be made up without utilizing these species in particular.

In the vast host of ferns there is much the same difficulty of selection that appears among the palms, but in like manner one should be careful to select distinct types for exhibition and not to enter too many from one genus. The difficulty of selection is met with very soon among the ferns, for in the beginning of the alphabet we strike the *adiantums*, and among so many beauties it is hard to decide. However, there should at least be *A. Farleyense*, and if the group is intended to include only the stronger growing ferns then either *A. Peruvianum* or *A. trapeziforme* should be given a place. One or two of the *platyceriums* will be needed the singular growth of these Stag's Horn ferns always attracting attention, and three of the best of them are *P. grande*, *P. alcorn majus* and *P. Willinckii*, though all the members of this genus are curious and interesting.

The *gleichenias*, to which reference was made in the beginning of these notes, are also very beautiful, their habit of continuous growth, the branchlets appearing in succession one above the other,



PART OF JULIUS ROEHR'S EXHIBIT AT THE NEW YORK SHOW, NOV. 10-17.

not be doubted, nevertheless there are few exhibitions in which there is to be seen any active competition in such classes.

Of course it will be admitted that such magnificent ferns as those *gleichenias* shown by Thos. Long at the recent show in Philadelphia are a tough proposition to be met by the other exhibitors, but yet it does seem as though many of the flower shows would gain in interest were there a little more variety to be seen. The long period of time required in the growing of such specimens naturally acts as a handicap to some extent, for it is impossible to produce fine plants of this character in a year or less, as may be done with giant *chrysanthemums*, and then the value of the premiums offered for foliage plants is seldom enough to create much enthusiasm. But there is also the good of horticulture and the pleasure of displaying some well grown plants to be taken into consideration, even though exhibitions are seldom immediately profitable to the exhibitors.

In the selection of palms for exhibition purposes one of the first things to be considered is the fact that there are various types among these plants, and in order to make the exhibit attractive there should be representatives from these different types so far as may be practicable. For example, there are those with regular fan-shaped leaves, of which the common *Latania Borbonica*, or *Livistona Chinensis*, is the most widely known and also the easiest to manage. Then we have the palms of regularly pinnate foliage, of which *Kentia Belmoreana* and *Areca lutescens* are good representatives, and next to these are those having narrow pinnate leaves in which the leaflets are arranged upon the

sideration those having colored foliage in the various types, from which it will be readily understood that much variety in form and habit may be had among these noble plants. These peculiarities should be remembered in the selection of a group for exhibition, for in case quality and size are nearly equal between two competitors, the judges would likely decide in favor of the group containing the greater variety in type and genera. A specimen palm from a plant lover's standpoint is a single plant of the species in question, and not a made-up or composite plant, the latter indicating clever construction rather than clever cultivation, and the judges would be warranted in ruling against a made-up palm in such a contest, unless it were stipulated that



VIEW OF THE MORTIMER EXHIBIT AT THE NEW YORK SHOW, NOV. 10-17.

adding to their interest. It must be remembered though that the most of the gleichenias do not like strong heat and grow best in an airy house in which the night temperature is 45° to 50°, and that they cannot, therefore, be grown satisfactorily in company with *Adiantum Farleyense* and other warm house ferns. The *davallias* include many very beautiful ferns that are well adapted for exhibition purposes, and among them are *D. pallida*, *D. dissecta*, *D. pentaphylla* and *D. tenuifolia stricta*, these four being of rather distinct character, and none of them specially difficult to manage.

For the sake of variety, and also for their great beauty, there should be included one or two gymnogrammes in the fern group, this interesting family covering both the golden and silver ferns. Probably the strongest growing of the golden powdered section is *G. decomposita*, a fern that germinates most readily from spores, and grows very quickly, but a much handsomer golden fern is found in *G. Laucheana magnifica*. Of the silvery section the finest is *G. Peruviana argyrophylla*, but a stronger growing and more hardy species is *G. tartarea*. Owing to the fact that the farinose powder washes off the gymnogrammes quite readily these plants should not be watered overhead to any great extent or much of their beauty will be lost.

Several of the pterises may be included in this list, there being so many very distinct ferns among this group, an example of which may be seen in *P. argyræa* and *P. scaberula*, but in the selection of varieties from this family it is best not to have too many of the crested forms, these being simply varieties and not species. *Microlepia strigosa* forms an excellent specimen when well grown, and is a good companion plant for *Pteris scaberula* in cool house treatment. *Hymenodium crinitum* may be added for its oddity, the broad, simple leaves of this fern, partly covered with long black hairs being one of the curiosities of the fern family. It may be noted that in this brief catalogue no mention has been made of tree ferns, and owing to lack of space it may be better to postpone that part of the subject to another time. W. H. TAPLIN.

Poor Arrangement of Exhibits.

ED. AM. FLORIST: The comments of your correspondent, "Traveler," on the recent exhibition of the Newport Horticultural Society, struck me as timely. I have noticed the same thing at our exhibitions, that good specimens are often spoiled by bad arrangement.

Quoting from your correspondent, "This circular sameness is growing very tiresome. The plants were excellent specimens of good culture and the colors of those beautiful crotons all that one could wish, but they were put together haycock fashion. Anyone can build a stack and it can be made symmetrical with almost any kind of rubbish—nearly every article of growth in creation has one good side which can be used judiciously in such a combination, but such plants as were used in the groups in question were lost from a grower's standpoint. Their beauty was entirely covered up. Had these groups been put up by a decorator what grand results could have been produced. Each plant was fit to stand by itself, but twice the quantity needed was crowded into the space."

This is too true. Your correspondent here saw a collection of nice plants. I was told by my gardeners that they were intending to put up an exhibit at

the St. John exhibition in September. The plants were certainly a fine lot, including double and single tuberous begonias, gloxinias, foliage plants, ferns, etc., but when I saw them at said exhibition a few days later, spoiled by being crowded together, I concluded that many are good gardeners but poor decorators. Each plant should show its individuality, like a tree in a properly arranged group.

J. BEBBINGTON, SR.

Fredericton, N. B.

MARKET GARDENS.

Notes and Suggestions.

The market gardener at this season is an extremely busy person, for, besides the care of his glass, he supplements his business with many crops grown outdoors, which at this season demand special attention. It is a pleasure to see the enterprise and progressiveness of the successful market gardener, for, besides marketing and storing these outdoor crops, his houses must be efficiently managed, now the duldest season is here.

LETTUCE.—The first crop in many instances is being marketed, and preparations forthwith are being made for transplanting the young plants. Two inches of well rotted manure will be incorporated before doing so. In several instances which we have noted little if any loss has occurred from diseases of a fungus nature or wilt; but the second planting, owing to the dull season of the year, will be more susceptible unless precautionary measures in watering and regulating the heat are well considered. We have previously observed that a light sandy soil, and yet with good consistency, is more easily handled as regards watering, as it allows the water to pass down readily and induces the roots to go deeper in quest of it. Such soil, draining all surface water from among the plants, is a great aid to success.

Gardeners have learned that previous to a good watering their plants should have reached a certain stage of dryness, considering it one of the best aids in keeping their plants healthy. The lettuce grower must not only recognize these facts, but the application of the proper amount of water will be controlled by the porosity of the soil, so that when the operation is over no surface water

remains, otherwise they will be liable to become victims of wilt or dropsy, as it is called, and kindred troubles. For obvious reasons a period of sunny weather should be chosen for watering and an abundance of fresh air admitted every fair day. The right temperature should be 40°, with a rise to 60° on fair days. It may be well to remark that the lettuce must be kept absolutely free from aphids; a fumigation each week should never be omitted.

This has been a good season for lettuce in the cold frame. It would seem worth while to practice this method each year, as the labor involved is trifling.

TOMATOES.—Any evidence of fungous attack must receive prompt attention. Bordeaux mixture is invaluable for such purposes, and the market gardener finds many uses for it during the season. The application of cow manure water as a stimulant to those plants in bearing or with fruit set is safe and reliable and should be applied at least once a week. The opportunity still remains to secure a crop of tomatoes in early spring. We have found this a propitious time for sowing tomatoes, benching them early in January. By the time they flower the sun will be strong, and with the lengthening days a good and satisfactory crop is assured.

RHUBARB.—The demand for rhubarb is increasing yearly, and market gardeners in the neighborhood of good markets are profiting thereby. There is no reason why this demand should not obtain in every locality, however remote. There is profit in growing rhubarb when the plants are raised at home, and many have so systemized the growing of the crop that the necessary supply of roots is always forthcoming. Now is the time to plow out the roots and store them where they may become frozen and still be convenient to get at. A covering of straw material to prevent the ill effects of freezing and thawing is necessary when placed outdoors.

ASPARAGUS.—The roots should now be dug where forcing is practiced. There is no doubt the damage sustained to the roots in this operation is detrimental to good success. The greater the care, therefore, the better ultimate results. As with rhubarb, a freezing is necessary.

THE COLD GRAPERY.—Considering the little care required and the good returns from a cold grapery it seems remarkable that more of the foreign grapes are not



MISCELLANEOUS PLANTS EXHIBITED BY J. BEBBINGTON & SON, AT THE ST. JOHN, N. B., EXHIBITION, SEPTEMBER 17-24, 1904.

grown by market gardeners. A house of Black Hamburg has, in our experience, been profitable. By using a small house one would soon determine if the trade would warrant further increase. This is the season when the vines should be lowered from the roof and the borders protected with a good covering of long manure.

FRANCIS CANNING.

THE EXHIBITIONS.

Exhibition at Toronto.

The new feature to further the interest in chrysanthemum shows of this city in having a fruit and honey exhibition in connection proved an interesting feature of the show held November 8-12. The growers responded liberally, and there were never so many or better flowers shown here. The hall was a large one, but was not adequate to allow proper room in staging and giving proper space to the exhibitors. The different groups of plants in which chrysanthemums were shown and many highly colored crotons all helped to give a very decorative appearance to the hall. Besides, the top and balcony were decorated with southern smilax and other decorative greens. Three handsome groups of orchids partly covered one wall, and there was a great amount of interest shown in these groups. The attendance was hardly as large as might be expected under such favorable conditions, the weather for the five days being exceptionally fine. The exhibition was formally opened by the lieutenant governor. The judges had their hands full, and as usual there were some dissatisfied exhibitors, one of them going so far as to remove his entire exhibit of chrysanthemums from the hall. At other times this might have handicapped the show, but, as above mentioned, there were so many flowers that this unsportsmanlike method of showing dissatisfaction at the judges' awards was not noticed by the committee. What grounds are being taken to deal with the exhibitor are not definitely known, although there is a suit pending now in connection with it. Otherwise everything moved along freely. The prizes awarded are as follows:

CHRYSANTHEMUM PLANTS.

Specimen—Exhibition park, first; Allan Gardens, second.
One standard—Allan Gardens, first; Exhibition park, second.
Three specimens—Steele, Briggs Company, first; Manton Brothers, second.
Three pink specimens—Steele, Briggs Company, first; Allan Gardens, second.
Three specimens, yellow—Allan Gardens, first; Steele, Briggs Company, second.
Twelve plants, single stems—Allan Gardens, first; Grauger Brothers, second.
Three specimens of pompons or anemone flowering—E. B. Osler, first; Manton Brothers, second.

MISCELLANEOUS.

In the miscellaneous section, for the best group of plants arranged for effect—Allan Gardens, first; Manton Brothers, second.
Group of foliage plants arranged for effect—Exhibition park, first; Manton Brothers, second.
Display of orchids—Exhibition park, first; Manton Brothers, second; Allan Gardens, third.
Six cyclamens—T. Eaton Company, first; H. H. Fudger, second.
Twelve primulas—E. B. Osler, first; Manton Brothers, second.
Six pots of callas in flower—Manton Brothers, first; E. B. Osler, second.
Six begonias in flower—Gammage & Son, London, first; Allan Gardens, second.
Six distinct varieties of flower plants, Allan Gardens, first; Exhibition park, second.
Specimen palm—Exhibition park, first; Allan Gardens, second.
Twelve specimens—Exhibition park, first; Manton Brothers, second.
Fifty and 25 ferns—Manton Brothers, first; Jay & Sons, second.
Six specimen ferns—Manton Brothers, first; Exhibition park, second.

One specimen fern—Manton Brothers, first; Allan Gardens, second.
Three orchids in flower—Exhibition park, first; W. Hill, second.
One orchid in flower—Exhibition park, first; Allan Gardens, second.

The judges, George A. Robinson and Joseph Bennett, of Montreal, also recommended a certificate of merit to F. K. Pierson Company, Tarrytown, N. Y., for the new fern Tarrytown.

CHRYSANTHEMUMS.

Twenty-five distinct varieties—Gammage & Son, first; Manton Brothers, second.
Twelve varieties—Gammage & Son, first, and second divided between J. H. Dunlop and W. J. Lawrence, these two exhibits scoring $8\frac{1}{2}$ points each.
Twenty-five any variety in one vase—W. J. Lawrence, first; Miller & Sons, second.
Twelve one variety—Gammage & Son, first; Miller & Sons, second.
Six distinct varieties never before exhibited in Ontario—J. H. Dunlop, first; Gammage & Son, second.
Six Timothy Eaton—Timothy Eaton Company, first; W. J. Lawrence, second.
Six Col. Appleton and six Dr. Orobhyatekha—Timothy Eaton Company, first; Miller & Sons, second.
Six white, Eaton exclusive—Steele, Briggs Company; J. H. Dunlop, second.
Six pink—W. J. Lawrence, first; J. H. Dunlop, second.



Miss Edith F. Kyrk.

Six yellow—J. H. Dunlop, first; W. J. Lawrence, second.
Six crimson—Gammage & Son, first; Timothy Eaton Company, second.

ROSES.

Ten Perle—J. H. Dunlop, first.
Ten Bride and Bridesmaid—Dale Estate, first; W. J. Lawrence, second.
Ten Meteor—Dale Estate, first; J. H. Dunlop, second.
Ten Morgan—Dale Estate, first; Timothy Eaton Company, second.
Ten Golden Gate—Gammage & Son, first; Timothy Eaton Company, second.
Ten Ivory—W. J. Lawrence, first; Gammage & Son, second.
Ten Canadian Queen—Dale Estate, first.
Ten any other variety—Timothy Eaton Company, first; Dale Estate, second.
Ten American Beauty and ten new varieties—Dale Estate, first; J. H. Dunlop, second.
Vase of 50 roses—Dale Estate, first; Jay & Son, second.
Twenty-five American Beauty—Dale Estate, first; Timothy Eaton Company, second.

CARNATIONS.

Twenty-five white—Chas. Turp, first; Dale Estate, second.
Twenty-five red—Dale Estate, first; W. Fendley, second.
Twenty-five dark pink and 25 yellow—Dale Estate, first; Chas. Turp, second.
Twenty-five fancy and 25 light pink—Charles Turp, first; Dale Estate, second.
Best 50 blooms one variety—Dale Estate, first; Chas. Turp, second.
Best 50 blooms any variety and 25 new varieties—1904 Charles Turp, first; Dale Estate, second.

THE RETAIL TRADE.

BECAUSE of the warm weather holly berries have not ripened, and samples in for Thanksgiving show a pale color much lighter than the Christmas scarlet so desirable.

Ladies in the Trade.

MISS EDITH F. KYRK, CINCINNATI, O.

Miss Edith F. Kyrk was for fourteen years connected with the leading retail florists of Cincinnati as clerk and manager and spent two years in the wholesale establishment of the J. M. McCullough's Sons Company. On October 25, 1903, Miss Kyrk opened a retail flower store in the suburb of Avondale, where she made a success from the very start. While in the downtown stores she came in contact and became acquainted with the most prominent flower buyers of the Queen city. That she gained the respect and confidence of these people is shown by her rapidly increasing business. Despite increased competition in her neighborhood Miss Kyrk says she is now doing more business than a year ago. Her store is always kept as near as possible and the window displays attract the attention of every passer-by.

A. O.

New York.

A somewhat more healthy tone has characterized the cut flower market the last week, and at the beginning of this week there was a considerable activity in practically all lines. The approach of Thanksgiving may be responsible for this in some degree. Monday and Tuesday good prices were realized easily for good stock; indeed, the market was quite active and all lines cleared out well. Violets were the most active and prices good for the right stock, of which the market took all that was available. While there have been no big social events there has been a good deal of entertaining. The opening of the opera season had its influence, especially on violets, roses and carnations. As the last two have been in good quantity and with quality steadily improving the general tone is better, even if the prices do not show marked advances for the week. There is an abundance of short stem roses which move well, and some fine long stem Beauty and Killarney find a ready market. As the week opened there was not much stock of the highest grade offered, the growers evidently showing a tendency to hold back in order to realize on the Thanksgiving trade. The demand for chrysanthemums has simmered down considerably, but quantities of Golden Wedding, Major Bonnaillon, Timothy Eaton and Chadwick continue to arrive. The supply of this flower is shortening up, however. Orchids are scarce, very few arriving, and with the supply of *Cattleya labiata* practically at an end there is an opening for odds and ends of other things. A few *Dowiana aurea* have been seen. *Laelia autumnalis* is coming in and will to some extent take the place of the *C. labiata*, as they are of about the same color. Some cypripediums, dendrobiums, phalenopsis and oncidiums arrive. Gardenias have not been plentiful, but some fine flowers are seen. Of other white flowers Paper White narcissus and lily of the valley form the bulk with Roman hyacinths and stevia, not forgetting carnations, of course. Carnations of good size are fairly plenti-

ful and are welcome after the flush of chrysanthemums. Begonia Gloire de Lorraine in pots is making a great show and is arriving freely, and Primula obconica is its companion. Traendly & Schenck had their store window full of these two plants.

At the auction sale at L. Dreyer's Woodside establishment on Monday and Tuesday, the plants offered brought fair prices. The attendance was not so large as at the former sale, possibly due to the shorter time in which the sale was arranged. The delay in completing the greenhouses under construction at the Newtown establishment, and the disposal of most of the houses at the old made wareroom imperative, hence the second sale. The palms, ferns, araucarias and other plants offered were in fine condition, and those who missed the sale certainly lost an opportunity to purchase good holiday stock. At the Woodside establishment there is a fine house of azaleas in flower, but at the rate they were going out few only will remain after Thanksgiving. Mr. Dreyer can always be depended upon for flowering azaleas at Thanksgiving.

During the closing days of the American Institute show the tentative organization of a National Gardeners' Association was launched, with J. M. Hunter as president and W. A. Maynard as secretary. This organization aims to unite all gardeners into a body to be worked on the broadest possible lines. A formal meeting will be called later, when the scheme will be fully developed.

The recent flower show was a success as an exhibition, and the plant growers are finding it is a good business opportunity. A large proportion of the space for next year's show has already been bespoken, and the hall has been engaged for next year, when the dates will be earlier than they were this time.

Chicago.

Thanksgiving day is over and every one appears to be satisfied. Contrary to some before Thanksgiving pessimistic views business was remarkably brisk and every dealer had a full share of it. The indications last week pointed to a rather stiff shortage in stock and a still stiffer price, but neither was forthcoming. While the shortage materialized to some extent in some lines, especially fancy carnations, there was a plentiful supply. White goods, especially carnations, did not move, even though the prices were dropped to the lowest notch. The local retail trade absorbed most of the stock which was left after all shipping orders were cleaned up, and on Thursday morning there still remained some poorer material. American Beauty roses were in short supply, and many more could have been handled at good figures. The chrysanthemums were well taken care of, there being an especially brisk local demand, brought about by football games, etc. The cheaper grades did not move so readily, however. Many dealers report a nice increase in business over Thanksgiving week of 1903. As has been the case in the past, many growers indulged in the pickling process to their own loss. This was especially true in the carnation line. There was a remarkably small quantity of bulb stock in the market. The demand for Paper White narcissus was very strong, and dealers found no difficulty in securing 3 cents each for them. Violets did not move, and dealers say it is unaccountable, since this has

always been a popular Thanksgiving day flower.

The exhibition of the Horticultural Society of Chicago closed Saturday night with the largest crowd of any day of the show. The exhibition was a pronounced success and, it is said, the receipts will show an encouraging dividend. About a hundred children, inmates of the Home for Crippled, visited the show Thursday morning and on their departure each child was presented with a carnation by the J. D. Thompson Carnation Company.

On Tuesday the E. F. Winterson Company received 10,000 asters for the Thanksgiving day trade. Asters at this late date are a distinct novelty, and notwithstanding this, the consignment received by the Winterson Company were of fairly good quality.

The Flower Growers' Market enjoyed an unusually heavy Thanksgiving week trade. The outside orders, coupled with the home demand, kept the receipts trimmed very close.

The Chicago Commercial Association aims to revive that Chicago spirit which "never conceives what it fears to attempt and never attempts what it does not achieve."

Peter Reinberg's new residence on Robey street is rapidly nearing completion. The Foley Manufacturing Company is doing most of the interior finishing.

A. T. Peterson, of Wheaton, Ill., was a visitor this week. He will be married on Sunday, November 27, to Miss Emma Veberg, of his home city.

John Mangel is one of the local retailers who is handling the new Nephrolepis Scottii. It is proving very popular with the public.

A. L. Randall Company offered a nice lot of American Beauty roses and fancy carnations to their Thanksgiving customers.

H. Thielmann, who has been poorly in health for some time, left November 21 for the coast, where he hopes to recuperate.

Gus Balluff, well known to the local trade has taken a position with the E. F. Winterson Company as salesman.

Andrew McAdams, though still weak from his recent illness, is now thought to be entirely out of danger.

The Chadwick plants will be sold at auction Monday, November 28, at 1814 Belmont avenue.

Peter Reinberg has returned from a fortnight's hunting trip in the northern wilds.

Kennicott Brothers Company kept a large force busy with the Thanksgiving rush.

The condition of Emil Buettner is reported to be somewhat improved.

Albert Fuchs announces that he has changed his name to Albert Fuhs.

Visitors: H. M. Reinecke, Green Bay, Wis.; W. E. Mills, Helena, Mont.

Philadelphia.

Things were better the latter part of last week and this has started in with a rush. Everybody seems busy and there is a great scramble for good stock, particularly violets, which are in great demand and the price has almost doubled over that of last week; \$1.50 is asked for the best local doubles, while the best imported are held at \$2. Prices all along the line stiffened considerably; carnations, good mediums, were stiff at \$1.50 to \$2. Enchantress and other fancies sold as high as \$4. Chrysanthemums

are selling well at about the same prices as before. Chrysanthemum plants have sold well this season and James Cole, who had a fine lot, is almost sold out. He found the demand much greater than last year. All the commission men had a good shipping trade for Thanksgiving.

The Philadelphia Cut Flower Company had about all they could do and cleared up a lot of stock. At the market Manager Meehan was all smiles and appeared well pleased with the demand. Over in Arch street The Leo Niessen Company turned out a great quantity of stock and could have sold thousands more of violets. Berger Brothers had their quarters packed with good stock which was all run off and they could have sold more.

Robt. Craig & Son made a great hit with their Baby chrysanthemums. They sold every plant and were sorry they had not twice as many. Mr. Craig believed it was a good thing and the result proves his judgment. K.

Boston.

The market the past week has shown an upward trend all along the line, the advance being about the same in all the different varieties of cut flowers. This is due in a large measure to the slackening up of the supply of chrysanthemums and also to a temporary shortage of some of the staple flowers. The approach of Thanksgiving day also tends to make goods move more freely. Carnations were not so plentiful and as a result prices ranged from \$8.00 to \$4.00 per 100 instead of \$1.00 to \$4.00. Among the roses, both American Beauty and Liberty showed a slight advance over the preceding two or three weeks. The most distinctive feature of the market during the week was the advance in the price of violets, and the shortness of the supply. This can be laid in a great measure to the large quantity of violets shipped to New Haven, Conn., for the Yale-Harvard football game, as this is the favorite flower among the adherents of Yale. Welch Brothers alone, shipped over 30,000 violets to New Haven the day before the game. As a result of this out-of-town shipment, high prices were obtainable in this city. The supply of chrysanthemums is now just about equal to the demand, and from now on they will not kill prices on other staple flowers.

The Boston Gardeners' and Florists' Club held its annual meeting last Tuesday. The following officers were elected for the ensuing year: James Wheeler, Brookline, president; Marcellus Patten, Tewksbury, vice-president; W. N. Craig, North Easton, secretary; Edward Hatch, Boston, treasurer; Samuel Goddard, Framingham, J. A. Pettigrew, Boston, P. Welch, Boston, and Harry Wilde, Brookline, members of the executive board. Mr. Wheeler is well known to all people interested in horticulture in this vicinity, and has always taken a leading part in various exhibitions. He was recently elected vice-president of the Chrysanthemum Society of America. About fifty of the members were present and listened to very entertaining informal talks by Robert Marshall on the exhibition at New York, and by Robert Cameron on horticulture in the city of New Haven, Conn. Mr. Farquhar reported a balance of \$250 in the hands of the entertainment committee, and William Nicholson extended an invitation to the club to visit his place in Framingham some time during December.

A new dodge was worked upon the retail trade in Salem recently. One W. F. Lawson went to one of the local florists and said that his wife was dead and he wanted a floral pillow with the word "wife" upon it. As he was leaving the store he said that he wanted some carnations also, and asked the florist to send the bill with the pillow, he taking the carnations with him. The florist sent the pillow to the man's house and was soon confronted by the man's wife, who soon made it clear to him that she was alive. It seemed that Lawson obtained the carnations in order to sell them to buy drinks, but as the result of his scheme the court allowed him thirty days in jail.

The Boston committee for the Chrysanthemum Society of America received last week for examination an imported French white seedling chrysanthemum. This was received from the B. G. Hill Company of Richmond, Ind., and the committee says that it is a better variety than the Timothy Eaton.

Welch Brothers have had on exhibition the past few days a carnation seedling, named the Harvard Crimson, from F. A. Blake, of Rochdale, Mass. This flower, being exactly of the Harvard colors, ought to be a good seller among the students.

The Boston Decorative Plant Company has moved into the new quarters on Summer street. The firm has a window display which is attracting the attention of all passers.

William R. Morris, of Wellesley, who has been selling his roses at the new market under Music hall, is now shipping to Welch Brothers of Province street.

George Cartwright, of Dedham, had quite a large amount of glass broken in the storm of last week, a large tree crashing through one of his houses.

Herbert T. Capers, of Wellesley Hills, is now selling at the Boston Co-Operative Flower Market for Wilfred Wheeler, of Concord.

The Boston Co-operative Flower Market has lately disposed of about ten stalls to new members of the corporation.

Henry M. Robinson & Company have just received a consignment of the new crop of bronze galax and of holly.

E. N. Peirce & Son, of Waverly, have been cutting some fine Timothy Eaton chrysanthemums.

W. C. Stickel, of North Cambridge, has been selling some fine Pierson ferns the past week.

Mr. Girard, the representative of Reed & Keller, of New York, was in town the past week.

H. P. S.

St. Louis.

The market the past week had a very active and firm tendency. Weddings, receptions, farewell gatherings at the World's Fair and the approaching visit of President Roosevelt, together with Thanksgiving day will make flowers in demand and probably very scarce. Roses are improving in quality. White roses have been scarce all the week, red roses being the most plentiful. Short and medium American Beauty are scarce. Much long stem stock is coming in. Carnations are and have been selling at 2 to 3 cents for ordinary grades and 4 cents for fancy, with prospects of a scarcity and perhaps a trifle higher for Thanksgiving, but 4 or 5 cents is about the limit here. White carnations, good ones, have been very scarce. It is to be

hoped that the growers are not holding back their stock as it has proved invariably a loss to the grower and a disappointment to the commission man and his customers. Chrysanthemums are coming to an end and in all probability will be scarce for Thanksgiving, but \$2 to \$2.50 a dozen will be top notch prices. Romans made their appearance this week. Narcissus and stevia are coming in a little more plentifully. California violets were scarce and in some places sold at \$1 per 100. First-class doubles are now quoted at \$2 per 100.

E. C. Keck, Washington, Iowa, is sending in some fine Bonnafou chrysanthemums and Lawson carnations to this market. H. G. Berning handles this stock.

Alex. Siegel paid a flying visit to Chicago. Alex has been feeling quite frisky ever since he was dancing on the Pike.

H. G. Berning is still confined to his room with tonsillitis. He hopes to be on deck this week.

Alex. Walhart is doing a first-class business. He is building up a fine trade out in his locality.

The Kehr Floral Company is doing a nice trade, being busy with decorations and funeral work.

Oscar Heile reports trade very good.

Miss Mary Ostertag reports trade good.

Frank M. Ellis reports trade as good. He is getting fine violets and Carnot roses.

Charlie Kuehn is getting in fine General MacArthur roses which sell readily.

George Kuhl, of Pekin, Ill., is sending some extra fine Perle roses.

Gullett & Sons, of Lincoln, Ill., are shipping first-class roses.

Visitor: E. C. Reck, on his way home to Washington, Iowa, from Florida. His little son is with him.

Baltimore.

We are having premonitions of winter, but there is some mixture in the cup, as Friday last, when in the morning the mercury marked 20° and at sunset 70°. The sunshine is bright and the air clear and bracing, good rose weather, just the antithesis of what November often brings us—sunny, cloudy, raw and dismal. Naturally flowers are improving and business keeps fairly up to the notch set for the average season. Chrysanthemums are nearly over and there seems no complaint or mourning. Last week pretty much everything was cleaned up, though towards the end sharp concessions only made stock go, and some carnations were lost.

This year there seems a better demand than is normal in this quarter for Thanksgiving day, and with fair skies there will probably be many sales. There is a general spirit of thankfulness that the election is over, and however people are pleased with the result it is generally accepted that there are to be no violent change of policies or threatened commercial revulsions. Today the Lexington market men were generally in good spirits over seasonable movements of both plants and cut flowers.

At the last meeting of the Gardeners' Club, G. E. Lotze, who is one of our large growers of chrysanthemums, sent in a paper which he had prepared on the culture of chrysanthemums and the best varieties for commercial purposes. Regret was felt that he was not able to be present in person. Next Monday Robert L. Graham will address himself to the subject,

"How can we make our club better and more successful?" Mr. Graham is level-headed and with the capacity of putting things in very telling ways, and a liability to call a spade a spade. His views will be received with interest, as there is a general feeling that the club does not live up to its opportunities of helpfulness to the trade of this centre, and that the concern for its usefulness, which was formerly apparent in the membership, has diminished. There are avenues of activity which it leaves unexplored, and a want of cohesive, progressive and purposeful effort. This is a misfortune, for the club is the only representative of the horticultural interest of this community; it includes many of the best of the craft, and it would be a great pity for it to decline. Certainly an effort should be made to gather in the younger men who are coming along, and to act harmoniously and vigorously for the good of the trade. Mr. Graham, show the way to amendment!

S. B.

Minneapolis.

Continued warm weather has had its effect in impairing business. Although there is no oversupply the market was well filled with choice stock from lack of orders. Thanksgiving promises a good demand at fair prices, and the trade in general is preparing for a busy week. A number of the craft visited the flower show at Chicago and reported a very choice display in all branches, with a close competition on some varieties.

Hopper & Shamp, proprietors the Northeast Greenhouse, have sold their plant and the business will be run under the name of Carlson & Sandberg, the former being connected with the Donaldson greenhouses as head rose grower.

Ralph Latham reports good trade this past season. He has one of the nobbiest places of business in the city, located on Nicollet and Tenth streets, where he has erected a large conservatory, which displays his stock in good shape.

C. F. Rice, of Rice Brothers, has returned from a northern hunting trip, where he had good success in bagging the prizes of the pine woods. The firm has had a good trade the past season.

The Mendenhall greenhouses on First avenue and Eighteenth street were recently purchased by L. S. Donaldson, of the Donaldson Greenhouses.

L. S. Donaldson, James Souden, John Monson, Ralph Latham and H. L. Patthey were among the visitors to the Chicago flower show.

Murfieldt & Patthey have opened a very complete store at 826 Nicollet avenue and report a good trade.

H. Borsch has just finished repairing and enlarging his range of glass at Fifth and Sixth streets.

H. E. Philpott, of Winnipeg, Man., was a visitor the past week.

C. F. R.

New Orleans.

The most interesting part of the last meeting of the New Orleans Horticultural Society was the inspection of an 8-inch pan of the Tarrytown fern, the new creation of F. R. Pierson. The specimen was admired by every member. The fern was also exhibited at D. H. Holmes' big department store, on Canal street, where Harry Papeworth has opened a stand for the sale of his stock. The meeting closed with a discussion on "Chrysanthemums."

M. M. L.

THE AMERICAN FLORIST

TWENTIETH YEAR.

Subscription, \$1.00 a year. To Europe, \$2.00.
Subscriptions accepted only from those
in the trade.

Advertisements, on all except cover pages,
10 Cents a Line, Agate; \$1.00 per inch.
Cash with Order.

No Special Position Guaranteed.

Discounts are allowed only on consecutive inser-
tions, as follows—8 times, 5 per cent; 13 times,
10 per cent; 26 times, 20 per cent;
52 times, 30 per cent.

Space on front pages and back cover page sold
only on yearly contract at \$1.00 per inch, net.

The Advertising Department of the AMERICAN
FLORIST is for florists, seedsmen and nurserymen
and dealers in wares pertaining to those lines only.

Orders for less than one-half inch space not accepted.

Advertisements must reach us by Wednesday to
secure insertion in the issue for the following
Saturday. Address

AMERICAN FLORIST CO., Chicago.

When sending us change of address, always send
the old address at the same time.

SAXIFRAGA SARMENTOSA VARIEGATA is a
very attractive plant of recent introduc-
tion.

PRIMULA OBCONICA in good plants at
\$2 per dozen does not pay the metro-
politan grower.

CHRISTMAS BELLS are well advertised
by the cover page of the December Ladies'
Home Journal.

A SEVERE change of the weather may
now come at any time. Look out for
your shipments of perishable stock.

It is folly to give valuable space to
unsalable stock; it is financial ruin to
employ labor on it. Throw it out.

GROWERS are more and more critically
observant of the new varieties, and their
relative merit compared with older sorts.
The note books are in use.

Retarding Bulb Stock.

ED. AM. FLORIST:—In a recent issue
of the AMERICAN FLORIST a subscriber
asks how hyacinths and tulips can be
kept till Easter in good condition and if
an ice-house would not help retard them.
We have frequently kept bulb stock in
cold storage in the spring, especially if
they are put in while in bud only. If in
full bloom they will spoil very soon after
taking out, but I have seen both tulips
and Dutch hyacinths kept in good condi-
tion for six weeks in full bloom at a tem-
perature of 35° or 36°, and a box of
Romans in full bloom that had been over-
looked were in good condition at the
end of eight weeks or June 1. Better
plunge the pots in sawdust in the ice-
house early in the spring, then allow not
over three weeks to come in bloom.

J.

Sowing Seed of Berberis Thunbergii and Ampelopsis Veitchii.

ED. AM. FLORIST:—What is the best
way and time to sow seed of Berberis
Thunbergii and Ampelopsis Veitchii?

W.

Replying to "W," the best way and
time to sow seed of Ampelopsis Veitchii
is as soon as it may be gathered, the
sooner the better, and sow in any good
soil in flats, pans or pots and put under
the stage in a rose house or a greenhouse
and keep well watered, if the soil is of a
porous nature and the place where the
seed has been sown is from 60° to 70°. Water
at least once a day, and it would do
no harm if water is given twice each

day, once in the morning and again in
the evening. I have sprouted Rosa mul-
tiflora seed in two weeks with the above
treatment, every seed apparently growing.
I have not tried Berberis Thun-
bergii, but have no doubt it will respond
gratefully under the same conditions.
Clematis paniculata starts to germinate
in a few weeks under similar treatment.
The method frequently practiced by nur-
serymen is to bury the seed in sand for
the winter, then sow outdoors in conven-
iently prepared beds as early in the spring
as possible after frost has left the ground
and the soil may be worked to advan-
tage.

E. L.

Society of American Florists

DEPARTMENT OF PLANT REGISTRATION.

W. J. Lawrence, Toronto, Ont., sub-
mits for registration Chrysanthemum
Eglinton; sport from Timothy Eaton;
color, lemon; has all the other qualities
of the parent flower; large flower, center
well filled.

Alexander Klokner, Wauwatosa, Wis.,
submits for registration seedling chrys-
anthemum, Mrs. A. Klokner, color pink
in the way of Vivand-Morel.

WM. J. STEWART, Sec'y.

American Carnation Society.

DEPARTMENT OF PLANT REGISTRATION.

Kingston Pet, registered by Valentine
Burgevin's Sons, Kingston, N. Y. A pink
sport of Enchantress, a very rich, pleas-
ing shade of pure pink with the size and
stem of Enchantress and the general
habit of that variety.

Premium lists for the Chicago show
can be had by applying to the secretary.
This meeting will be held January 28 and
29, 1905 and will be the place to show
all new carnations as well as the good
ones of the older varieties. There were
some 30,000 flowers shown in Detroit;
there will be room for more than that in
Chicago.

ALBERT M. HERR, Sec'y.

Heating Greenhouses and Dwellings.

ED. AM. FLORIST:—Will a boiler six feet
long and thirty inches in diameter with
twenty-two 2½-inch flues be large enough
to heat one three-quarter-span house
17x55 feet, one house 13x75, one lean-to
5x30 feet, and a six-room dwelling house,
hot water to be used? How many runs
of 4-inch will it take to heat the houses
to 60° or 65° in 10° below zero weather?
Would it be best to have the flows over-
head or can they be run all under the
benches? The benches are about two
and a half feet from the ground.

L. J. B.

The boiler will probably heat the
houses if 2-inch pipe is used for radiation
but a larger size will be desirable if four-
inch is used. This supposes that the
rooms in the dwelling are of ordinary
size. In the 17x65-ft. house use eight 4-
inch or twelve 2-inch pipe; for the 13x75
ft. house six 4-inch or ten 2-inch,
and in the lean-to three 4-inch or four 2-inch
pipes. If the coils are higher than the
top of the boiler there will be no occasion
for using overhead flow pipes.

L. R. TAYL.

Edgar Sanders on Autumn Number.

We are in receipt of the following from
our highly esteemed friend, Edgar
Sanders, with reference to last week's
issue: "Your autumn number pleases

me greatly. The exhibition notes of the
World's Fair flower show are particu-
larly good and deserve commendation,
and this is true also of Chicago's grand
effort. Then the pictures of the officers
and managers, what a galaxy of stirring
men. Exhibitions and flower shows are
plainly by no means a thing of the past.
Evidently the right men were at the helm.
But don't weary of well doing, keep
hammering away."

Society for Horticultural Science.

The Society for Horticultural Science
will meet in Philadelphia in connection
with the A. A. A. S. convocation week.
The sessions of the society will probably
be held December 27 and 28, but an-
nouncement of the exact dates will be
made later. The arrangements of the
American Association allow the members
of the affiliated societies the privilege of
reduced railway rates. Tickets are good
from December 26 to January 2. They
may be purchased as early as December
22, and may be used as late as Janu-
ary 5.

Condensed European Gleanings.

Mayor F. F. Smith, of Rochester, Eng.,
has the matter of a memorial to the late
Dean Hole in charge.

Alex. Dean and wife celebrated their
golden wedding November 4. Mr. Dean
is a well known writer on British horti-
culture.

Armand De Meulenaere, the well known
secretary of the Royal Agricultural and
Botanical Society of Belgium, died at
Ghent recently.

Flower Shows Everywhere.

Washington.—J. H. Small & Company.
Montgomery, Ala.—Kindergarten.
Manchester, Mass.—North Shore Horticultural
Society.
Omro, Wis.—Horticultural Society.
Grants Pass, Ore.—Woman's Club.
Buena Vista, Va.—Presbyterian Church.
Houston, Tex.—Woman's Club.
York, Pa.—Daughters American Revolution.
Ithaca, N. Y.—Cornell University.
Wilmington, N. C.—Elks and Wilmington
Piano Club.

Catalogues Received.

Henry F. Mitchell Company, Philadel-
phia, Pa., bulbs, seeds, supplies; The
Munson Nurseries, Denison, Tex., nur-
sery stock; Johnson & Musser Seed Com-
pany, Los Angeles, Cal., seeds; Glen
Saint Mary Nurseries, Glen Saint Mary,
Fla., nursery stock; Peter Lambert,
Trier, Germany, roses; Phoenix Nursery
Company, Bloomington, Ill., nursery
stock; John Lewis Childs, Floral Park,
N. Y., bulbs and plants; V. Lemoine et
Fils, Nancy, France, plants, bulbs, etc.;
Otto Katzenstein & Company, Atlanta,
Ga., and New York city, seeds and plants;
A. Kobichon Fils, Olivet, Orleans, France,
roses; Soupert & Notting, Luxembourg,
roses; Perry's Hardy Plant Farm, Lon-
don, N. Eng., hardy border and rock
plants; J. Balme & Company, Mexico
City, orchids and cacti; Roustan, Servan
& Company, Saint-Remy-de-Provence,
France, flower and vegetable seeds;
Victor Detriche, Angers, France, plants;
Kohler & Rudel, Windischleuba-Alten-
burg, Germany, plants and seeds; H. L.
Patmore, Brandon, Manitoba, Can.,
nursery stock; Mrs. C. W. Jacobs, For-
mosa, Fla., nut and fruit trees; Societe
Anonyme Horticole, Calmpthout, Bel-
gium, nursery stock.

Massachusetts Horticultural Society.

The annual meeting of the Massachusetts Horticultural society was held Saturday, November 19, and the following officers for the ensuing year were elected: Arthur F. Estabrook, Boston, president; Robert T. Jackson, Cambridge, vice-president for two years; Charles E. Richardson, Brookline, treasurer, re-elected; William P. Rich, Chelsea, secretary, re-elected; Arthur D. Hill, Boston, trustee for two years; George F. Fabyan, Brookline, Warren Fenno, Revere, J. Woodward Manning, Reading, and John A. Pettigrew, Jamaica Plain, trustees for three years; Obadiah B. Hadwen, Worcester, Henry S. Hunnewell, Wellesley, John Lawrence, Groton, Henry P. Walcott, Cambridge, and James Wheeler, Brookline, for the nominating committee. President Estabrook has been a member of the society for a number of years and has served on the board of trustees. He has been a frequent exhibitor at the various exhibitions where he has won many prizes, his specialty being principally greenhouse plants. His extensive greenhouses are located at Swampscott, where he makes his summer home. Mr. Jackson, the newly-elected vice-president, is a professor of palaeontology at Harvard University, and is greatly interested in practical horticulture. Mr. Jackson's specialty has been hardy plants and peonies and he is about to publish an article on "Peony Culture" and another on "John Richardson and his Garden." At this meeting the annual appropriation, for prizes and gratuities for the coming year were made, amounting to \$6,506. An amendment to the by-laws was adopted, providing that it shall not now be necessary to make two nominations for each office, as has been the rule in the past. The society also recommended that the treasurer and secretary be elected by the board of trustees. This will have to go before the legislature for approval at next year's session. On the first Saturday of January next the inaugural meeting will be held, when the president will make his inaugural address and all committees will render reports.

The Garden committee visited last week the greenhouses of the estate of Joseph H. White, of Brookline. The visiting party consisted of Charles W. Parker, Oakes Ames, Arthur H. Fewkes and Patrick Norton. They inspected a house of palms and foliage plants and a house of roses, both of which had been entered for the society's prizes. One of the features of the first named house was a specimen of the ceriman (*Monstera deliciosa*), a climbing plant which produces a fruit similar to the banana but with a flavor like the pineapple. The rose house contained principally Bride, Bridesmaid, Wootton and Liberty varieties. The grounds as a whole showed evidence of the superior cultivation of the head gardener, James Wheeler.

The committee of schools' and children's home gardens held a meeting the past week for the purpose of awarding prizes for the best exhibition by the lower grade schools of gardens which were made and cultivated by the school children and also for awarding prizes to individual children under fifteen years of age who had cultivated the best home garden. The first prize of \$15 was awarded to the grammar school at Fairhaven, Mass., and the second prize of \$12 to the Groton children's garden, at Groton, Mass. This enterprise was carried on by the Groton Village Improvement Society, which had three gardens

with over 100 children working in each garden. This is the first year that prizes have been offered to children under fifteen years of age for home gardens, but there were a number of entries. In this contest the children must do the entire labor required, even to spading up the lot of ground. The first prize of \$5 was given to Henry L. Brown, of Ayer, Mass.; the second prize of \$3 to William Patterson, of Groton, and the third prize to John Mullen, of Ayer, Mass.

The exhibition of children's herbariums will occur this week in the lecture hall on Friday and Saturday, November 25 and 26. A large number of entries have been received, and this exhibition is sure to attract general attention.

H. P. S.

Albany, N. Y.

Whittle Brothers had charge of the floral decorations used at the dedication of the new choir in the cathedral of All Saints on Tuesday morning. Kentias, Boston ferns and pink chrysanthemums of the Ada Spalding and Mrs. Perrin varieties were used in large numbers.

R. D.

BENTON HARBOR, MICH.—F. L. Tornquist will commence growing plants for the home trade at his new place at 103 Oden street, where he recently moved.

HAZELHURST, MISS.—The seventh annual chrysanthemum show opened here November 10 at Faler's hall under the auspices of the Hazelhurst Floral Club.

SALEM, MASS.—At the Walnut Grove greenhouses Learnard & Shirley are showing a profusion of chrysanthemums, hegonias, violets, carnations and many other flowers.

OBITUARY.

David D. Loper.

David D. Loper, a pioneer Iowa horticulturist and veteran soldier, died at his home in Boone November 6, aged 83 years. He established hundreds of nurseries in Iowa and was at the head of the grape cultivation business there and was never known to fail in securing a fine crop of the luscious fruit during years when not another grape was to be found growing in the state.

John Rassbach.

John Rassbach, one of the oldest and best known florists in Essex county, N. J., died at his home, 318 Maolis avenue, Glen Ridge, November 13, of apoplexy. He was 75 years old and had lived in Glen Ridge for fifty-one years. He was born in Germany July 26, 1829. He attended the common schools, and later the National College, and was then apprenticed to a florist for a term of four years. He mastered the business in a thorough manner, and then studied landscape gardening. In 1853, he sailed for this country, and landed in New York. He engaged in the florist business, and built up an extensive trade. He was married twice. His first wife was Miss Augusta Schorch, who died in Bloomfield in 1874, leaving five children, as follows: Emma, Henry S., now of Cripple Creek, Col.; Mrs. Annie Meyers, Elizabeth and John Augustus Rassbach, all of whom are still living. He married again, his second wife being Miss Mary Beck, now deceased.

SITUATIONS, WANTS, FOR SALE.

One Cent Per Word.

Cash with the Adv.

Plant Ads. NOT admitted under this head.

Every paid subscriber to the AMERICAN FLORIST for the year 1904 is entitled to a five-line WANT ADV. (situations only) free, to be used at any time during the year.

Help Wanted—An active man for general cemetery work; one that is able to take charge. KOENIG FLORAL CO., St. Louis, Mo.

Help Wanted—\$20.00 to \$50.00 per week. See 3½-inch adv. in another column. Address SPAULDING NURSERY AND ORCHARDS CO., Spaulding, Ill.

Help Wanted—A good, reliable young man; must be a good salesman and up-to-date in the floral work, for first-class retail store in Chicago. State references from last place. Address Box 58, care American Florist.

Help Wanted—For a first-class up-to-date retail florist store. Toronto; a young man who is ambitious, a good designer and salesman. Must be competent to take full charge, well educated and of good address. State salary expected, age and references. Address Box 78, care American Florist.

Partner Wanted—With \$1,500.00. Must be good grower. Have land and \$1000.00 in cash. Fine opening in good town of 30,000. Address Box 84, care American Florist.

For Sale—Horizontal tubular hot water boiler in first-class condition; 9 ft. 6 ins. long; 36 inches in diameter; nearly new Deane steam pump. J. W. DUNFORD, Clayton, Mo.

For Sale—5 room dwelling, 3 greenhouses, 4 hot-beds, horse, wagon, tools, stock. Everything in good shape to go right ahead. Established 12 years; 7 miles from Philadelphia. Other business cause of selling. Address F. R. MATSINGER, Palmyra, N. J.

For Sale or Lease—A first-class paying florist business; houses stocked with roses, carnations, decorative plants, etc. Offered only because the owner wishes to retire from business. Will bear close investigation. GEORGE T. EARLE, The City Greenhouses, Central Falls, R. I.

For Sale—Greenhouse property; established 27 years. 14 room, 2½ story almost new dwelling house with tower, all improvements, gas light. 1½ acre good land, fruit and shade trees; 5 greenhouses, well stocked, hot-water heat. Center of City of Melrose, 7 miles to Boston; electric cars pass door, 5c fare. Wholesale and retail business. J. GEIST, 84 Grove St., Melrose, Mass.

GOING OUT OF BUSINESS—

For Sale—25,000 feet of glass. All repainted and overhauled this season. 2½ acres of land. Fruit, shade, evergreens, lawns, ornamental shrubs. New 12 room brick residence, flowing wells, located 5 miles from city in midst of suburban towns. Greenhouses can be bought with or without residence, with full stock now or by June 1st. Also city store. 22 years established business. Address C. CRAMER, Florist, Salt Lake City, Utah.

FOR SALE

On 52 Acres of Leased Land:

Greenhouses, dwelling, barn and sheds, with or without implements, growing and marketable crop; situated at 8500 Anthony Ave., Chicago. Having moved to Onarga, Ill., I want to dispose of the place and stock for less than half value. A splendid place for poultry combined with gardening. LUDVIC MOSBAEK.

To the Seed Trade.

I have been 20 years in the seed trade with three prominent firms in Scotland, know all branches, and am open for a place with some good American house where I can become familiar with the American trade. Would accept a subordinate position for a short time, with a chance for advancement. Have done both inside and outside work. Address DAVID C. care Watson's Seed Store Philadelphia.

The....

American Florist



IS PAID FOR
CIRCULATED
AND READ.

Wietor Brothers, 51 Wabash Avenue, CHICAGO.

WHOLESALE CUT FLOWERS.

—CURRENT PRICES. SUBJECT TO CHANGE.—

AMERICAN BEAUTY.

| | Per doz. |
|----------------------|---------------------------|
| 30-36-inch stem..... | \$3.00 |
| 24-inch stem..... | 2.00 |
| 20-inch stem..... | 1.50 |
| 16-inch stem..... | 1.25 |
| 12-inch stem..... | 1.00 |
| Short Stem..... | per 100, \$3.00 to \$4.00 |

ROSES.

| | Per 100 |
|----------------------------|------------------|
| Bride and Maid..... | \$2.00 to \$6.00 |
| Meteor and Gate..... | 2.00 to 6.00 |
| Liberty..... | 3.00 to 6.00 |
| Kaiserin..... | 3.00 to 6.00 |
| CARNATIONS—Good stock..... | 1.00 to 1.50 |
| Large and fancy..... | 2.00 to 3.00 |

CHRYSANTEMUMS, ALL COLORS, \$1.00 to \$4.00 PER DOZEN.**Wholesale Flower Markets**

MILWAUKEE, Nov. 24.

| | |
|------------------------------|-------------|
| Roses, Beauty, long per doz. | 5.00 |
| " " med. " 200@ 3.00 | |
| " " short..... | 8.00 |
| " " Liberty..... | 2.00@ 8.00 |
| " " Chateau..... | 2.00@ 6.00 |
| " " Bride, Bridesmaid..... | 2.00@ 6.00 |
| " " Meteor, Golden Gate..... | 2.00@ 6.00 |
| " " Perle..... | 2.00@ 5.00 |
| Carnations..... | 1.00@ 4.00 |
| Smilax..... | 10.00@12.50 |
| Asparagus..... | 35.00@50.00 |
| Valley..... | 3.00@ 4.00 |
| Adiantum..... | 1.00 |
| Violets..... | 1.00@ 1.50 |
| Mums..... | 6.00@25.00 |
| Callas..... | 10.00@12.50 |

PITTSBURG Nov. 21.

| | |
|------------------------------|-------------|
| Roses, Beauty, specials..... | 30.00@35.00 |
| extras..... | 20.00@25.00 |
| " " No. 1..... | 10.00@15.00 |
| " " ordinary..... | 6.00@ 8.00 |
| " " Bride, Bridesmaid..... | 2.00@ 8.00 |
| " " Meteor..... | 2.00@ 8.00 |
| " " Liberties..... | 3.00@ 8.00 |
| " " Kaiserin..... | 2.00@ 8.00 |
| " " Perle, Chateau..... | 2.00@ 5.00 |
| Carnations..... | 1.00@ 3.00 |
| Lily of the valley..... | 3.00@ 4.00 |
| Smilax..... | 12.50@15.00 |
| Asparagus, strings..... | 25.00@50.00 |
| Asparagus Sprenger..... | 1.00@ 2.00 |
| Lilies..... | 12.00@15.00 |
| Chrysanthemums..... | 4.00@20.00 |
| Adiantum..... | 1.00@ 1.25 |
| Violets..... | 1.25@ 2.00 |
| Paper White Narcissus..... | 2.00@ 3.00 |
| Roman hyacinths..... | 1.00@ 3.00 |
| Stevia..... | 1.00@ 2.00 |

CINCINNATI, Nov. 24.

| | |
|------------------------------------|----------------|
| Roses, Beauty, 1.00@ 4.00 per doz. | |
| " " Bride, Bridesmaid..... | 3.00@ 6.00 |
| " " Liberty..... | 3.00@ 6.00 |
| " " Meteor, Golden Gate..... | 3.00@ 6.00 |
| Carnations..... | 1.00@ 4.00 |
| Lily of the valley..... | 3.00@ 4.00 |
| Asparagus..... | 50.00 |
| Smilax..... | 10.00@12.50 |
| Adiantum..... | 1.00@ 1.50 |
| Callas..... | 10.00 |
| Asparagus Plumosus and Sprenger | |
| in bunches..... | .25c per bunch |
| Chrysanthemums..... | 8.00@25.00 |

St. Louis, Nov. 24.

| | |
|-------------------------------|-------------|
| Roses, Beauty, long stem..... | 4.00@5.00 |
| " " Beauty, medium stem..... | 2.00@3.00 |
| " " Beauty, short stem..... | .75@1.50 |
| " " Bride, Bridesmaid..... | 5.00@ 8.00 |
| " " Golden Gate..... | 5.00@ 6.00 |
| " " Liberty..... | 4.00@ 8.00 |
| " " Kaiserin..... | 4.00@ 8.00 |
| " " Meteor..... | 4.00@ 6.00 |
| Carnations..... | 2.00@ 5.00 |
| Smilax..... | 15.00 |
| Asparagus Sprenger..... | 1.50@ 3.00 |
| " " Plumosus..... | 25.00@50.00 |
| Ferns, fancy, per 1000..... | \$1.75 |
| Adiantum..... | 1.00@ 1.25 |
| Chrysanthemums, medium..... | 8.00@12.00 |
| " " large..... | 15.00@25.00 |
| Violets, California..... | 1.00@ 1.25 |
| " " Double..... | 1.50@ 2.00 |
| Lily of the valley..... | 4.00 |
| Stevia..... | 1.50 |

CLEVELAND, Nov. 24.

| | |
|----------------------------|-------------|
| Roses, Beauty..... | 20.00@50.00 |
| " " Bride, Bridesmaid..... | 4.00@ 8.00 |
| " " Kaiserin..... | 4.00@ 8.00 |
| " " Meteor..... | 4.00@ 8.00 |
| Carnations..... | 3.00@ 4.00 |
| Smilax..... | 10.00@15.00 |
| Asparagus, strings..... | 25.00@50.00 |
| " " Sprenger..... | 1.00@ 2.00 |
| Galax..... | 1.00@ 1.50 |
| Common ferns..... | 1.50 |
| Chrysanthemums..... | 10.00@20.00 |
| Violets, single..... | .75@ 1.00 |
| " " double..... | 1.00@ 1.50 |

A Beautiful Decorative Evergreen for Christmas.

A Single Postal Request Will Bring You, Gratis, a Sample and Price.

PITTSBURG CUT FLOWER CO., Ltd.

PITTSBURG'S OLDEST WHOLESALE FLORISTS.

504 LIBERTY AVE..

PITTSBURG, PA.

HOLTON & HUNKEL CO.,
-- Wholesale Cut Flowers --

457 Milwaukee Street.

MILWAUKEE, WIS.

THE
J. M. McCullough's Sons Co.
WHOLESALE
FLORISTSALSO SUCCESSORS TO
THE CINCINNATI CUT FLOWER CO.

CONSIGNMENTS SOLICITED.

Special attention given to Shipping Orders.

316 WALNUT ST.

CINCINNATI, O.

Please mention the American Florist when writing.

Pittsburg Florists' Exchange,
WHOLESALE FLORISTS

and Florists' Supplies.

228 Diamond St., PITTSBURG, PA.

Send for weekly price list and prices on large orders..

Please mention the American Florist when writing.

H. G. BERNING
Wholesale Florist

1402 Pine St., ST. LOUIS, MO.

Please mention the American Florist when writing.

C. A. KUEHN,
Wholesale Florist,

1122 Pine St., ST. LOUIS, MO.

A Complete Line of Wire Designs.

Please mention the American Florist when writing.

Peter Weiland,**WHOLESALE FLORIST,**

Room 18, 128 E. Third St., CINCINNATI, O.

Headquarters for

American Beauties and all leading varieties of
Roses and Carnations.Orders received and filled at Greenhouses if
desired, by addressing

PETER WEILAND, New Castle, Ind.

JOHN WOLF,**Wholesale and Retail Florist,****SAVANNAH, GA.****ESPECIALLY CONVENIENT FOR THE**
SOUTHERN TRADE.Largest Grower of VALLEY in the South,
also CARNATIONS, ROSES and BULB-
OUS FLOWERS.

Long Distance Telephone Connections.

J. B. MURDOCH & CO.**WHOLESALE FLORISTS,****FLORISTS' SUPPLIES.**

545 Liberty Ave., PITTSBURG, PA.

Always mention the.....

American Florist

when you write to an advertiser.

WE ARE LOOKING FOR BUSINESS. We Want Your Trade.

WE ARE NOW SUPPLYING ALL GRADES OF
CHRYSANTHEMUMS, VERY FINE ROSES, CARNATIONS, VIOLETS and VALLEY
BESIDES GREEN STOCK.

Our
Specialties:

Wild Smilax which is just a little better than the other
fellow's constantly on hand. Prices:

| | |
|------------------------------|------------------------------|
| Case No. 1-15 lbs.....\$2.00 | Case No. 4-35 lbs.....\$4.00 |
| Case No. 2-20 lbs..... 3.00 | Case No. 5-40 lbs..... 4.50 |
| Case No. 3-30 lbs..... 3.50 | Case No. 6-50 lbs..... 5.00 |

Per 1000

FANCY FERNS, the very best.....\$1.50

GALAX, Bronze..... 1.50

Green..... 1.00

LEUCOTHOE SPRAYS.....per 100, 75c

J. B. Deamud,

51 Wabash Ave., WHOLESALE FLORIST. CHICAGO.

Phones: Long Distance Central 3155. Automatic 9922.

E. C. AMLING

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

32, 34, 36 RANDOLPH ST.,
CHICAGO.

L. D. Phones Central 1978 and 1977.

Please mention the American Florist when writing.

Bassett & Washburn

76 & 78 Wabash Ave., CHICAGO.

Wholesale Dealers and
Growers of **Cut Flowers**
GREENHOUSES: HINSDALE, ILL.

D. WOOD BRANT,

SUCCESSOR TO BRANT & NOE FLORAL CO.

—Grower of—

CUT FLOWERS AT WHOLESALE.

Now offer Choicest American Beauty roses.
Prices reasonable.

Careful attention given shipping orders.

58-60 Wabash Ave., CHICAGO.

It is good business policy to mention

The....
AMERICAN FLORIST

When you write to an advertiser

MICHAEL Winandy

Wholesale Grower
and shipper of **CUT FLOWERS**

Room 218, 51 Wabash Ave., Atlas Block, Chicago.
Telephone Central 3284.

GEO. REINBERG,

Wholesale
Grower of **Cut Flowers**
CHOICE AMERICAN BEAUTIES.

We will take care of your orders at reason-
able prices. Prompt attention.

51 Wabash Ave., CHICAGO, ILL.

Wholesale Flower Markets

CHICAGO, Nov. 25.

| | |
|------------------------------------------|--------------------|
| Roses, Beauty, 30 to 36-in. stems | 5.00@ 6.00 |
| " " 20 to 24 " | 3.00@ 4.00 |
| " " 15 to 18 " | 1.50@ 2.50 |
| " " 12 " | 1.00 |
| " Liberty..... | 3.00@ 6.00 |
| " extra select..... | 10.00@ 12.00 |
| " Chateaux..... | 4.00@ 8.00 |
| " Bride, Bridesmaid..... | 4.00@ 8.00 |
| " Meteor, Golden Gate..... | 4.00@ 8.00 |
| Carnations..... | 1.00@ 1.50 |
| " fancy..... | 2.00@ 2.50 |
| Valley..... | 2.00@ 3.50 |
| Asparagus Plumosus, per string 40 to 50c | |
| " sprays 2.00@6.00 | |
| " Sprenger..... | 3.00@ 6.00 |
| Leucothoe Sprays..... | .75 |
| Galax Leaves, Bronze, per 1000, 1.25 | .15 |
| Green, " " 1.00 | |
| Adiantum..... | .75 |
| Fancy ferns...per 1000 | 1.00@ 1.50 |
| Smilax..... | 12.00@15.00 |
| Callas..... | 1.25@1.50 per doz. |
| Chrysanthemums, \$1.50@ \$3.00 per doz. | |
| Paper Whites..... | 3.00 |

J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and
Carnations
A Specialty.....

WHOLESALE
GROWER of

CUT FLOWERS

E. H. Hunt,

WHOLESALE

Cut Flowers

"THE OLD RELIABLE."

76 Wabash Ave.,CHICAGO.

SINNER BROS.

Wholesale Growers
and Shippers of **CUT FLOWERS**

58 WABASH AVENUE, CHICAGO, ILL.

With the Flower
Growers' Co. Telephone—
Central 3007.

All telephone and telegraph orders
given prompt attention.

WEILAND - AND - RISCH

CHICAGO'S RELIABLE

Wholesale Growers and Shippers of

CUT FLOWERS, ILL.

59 Wabash Ave., CHICAGO.

SEND FOR WEEKLY PRICE LIST.

WHOLESALE FLORISTS

A. L. RANDALL CO.

Wholesale Florists.

19 & 21 Randolph St., CHICAGO.

Send for weekly price list and
special quotations on 1000 lots.

Flower Growers' Market.

60 Wabash Ave., CHICAGO.

Order your stock where it will be filled with
care and dispatch. The most successful growers
of cut flowers, are those who sell their own stock.
Give us your standing order.

PERCY JONES, Manager

LILY OF THE VALLEY

From cold storage, \$15.00 per 1000; case of
2,500, \$35.00; per 100, \$1.75.

FINEST CUT VALLEY IN QUANTITIES.

H. N. BRUNS,

1409-11 W. Madison St., CHICAGO.

Poehlmann Bros. Co.

Wholesale Growers of

and
Dealers in **Cut Flowers**

All telegraph and telephone orders
given prompt attention.

Greenhouses:
Morton Grove, Ill. 35-37
Randolph Street,
CHICAGO.

BLOOMINGTON, ILL.—The forty-ninth
annual convention of the Illinois State
Horticultural Society will be held here
December 14-16. Leonard H. Vaughan,
of Vaughan's Seed Store, Chicago, will
give an address on "Commercial Flori-
culture" at this meeting.

THE BENTHEY-COATSWORTH CO.

35 RANDOLPH ST.

WHOLESALE FLORISTS

CHICAGO.

The Leo Niessen Company

WHOLESALE FLORISTS

1217 Arch Street,

Store open from 7 A.
M. to 8 P. M.

PHILADELPHIA, PA.

The Cleveland Cut Flower Company,

WHOLESALE CUT FLOWERS, FLORISTS' SUPPLIES, WIRE DESIGNS.

52 and 54 High Street,

CLEVELAND, OHIO.

BOSTON, MASS.

WELCH BROS.

15 Province Street.

All Varieties FLOWERS In Season. FANCY and DAGGER FERNS.
FLORISTS' SUPPLIES all kinds.
Long Distance Telephone, 6268-6267 Main.

Asparagus Strings

Good, heavy stock. 8 feet, 50 cents.

WM. H. ELLIOTT, Brighton, Mass.

Original Pioneer House—Established 1871.
JAMES HART
117 W. 30th St., NEW YORK.

Wholesale and Commission

Consignments solicited. Shipping orders promptly attended to. Phone 626 Madison.

Please mention the American Florist when writing.

GEORGE COTSONAS & CO.,

Wholesale and Retail
Dealers in all kinds of

EVERGREENS.

Fancy and Dagger
Ferns, Bronze and
Green Galax.

Phone 1202 Mad. Sq.

MAIN STORE, 45 W. 29th St., NEW YORK.
BRANCH, 65 W. 28th St.,

Please mention the American Florist when writing.

MOSS, GALAX, FERNS.

Galax, Bronze or Green \$1.00 per 1000
Ferns, Dagger or Fancy90 per 1000
Southern Smilax, large case \$8.00

CUT FLOWERS, FLORISTS' SUPPLIES.

H. L. MENAND, 34 Williams St., Albany, N. Y.
L. D. TELEPHONES.

Please mention the American Florist when writing.

FOR SOUTHERN WILD SMILAX

(Where quality is First Consideration)

Write, Wire or Phone the Introducers,
Caldwell The Woodsman Co., Evergreen, Ala.

New Crop Southern Wild Smilax
now ready in limited quantities.

Please mention the American Florist when writing

THE KERVAN COMPANY,
WHOLESALE DEALERS,

All Decorating Evergreens, Galax,
Leucothoe, Mosses, Etc.

20 W. 27th Street, NEW YORK.

TELEPHONE 1519 MADISON SQ.

C. K. LEE, CASTLEBERRY,
ALA.

Wild Smilax, Long Needle Pines.
Wire or write for prices.

Advertisers Everywhere Get Results.

AM. FLORIST Co.:—Practically all the
replies I get from western trade advertis-
ing refer to the AMERICAN FLORIST.

JOHN B. DEAMUD.

Wholesale Flower Markets

BOSTON, Nov. 24.

| | |
|-------------------------------|-------------|
| Roses, Beauty, best..... | 15.00@35.00 |
| " " medium..... | 8.00@20.00 |
| " " culls..... | .50@ 4.00 |
| " Bride, Bridesmaid..... | 1.00@ 3.00 |
| " extra..... | 4.00@ 8.00 |
| " Liberty..... | .50@ 8.00 |
| Carnations..... | .50@ 1.00 |
| " Fancy..... | 1.00@ 2.00 |
| Lily of the valley..... | 3.00@ 4.00 |
| Smilax..... | 8.00@12.00 |
| Adiantum..... | .75@ 1.00 |
| Asparagus..... | 35.00@50.00 |
| Violets..... | .50@ 1.00 |
| Chrysanthemums, ordinary..... | 4.00@ 6.00 |
| " fancy..... | 8.00@12.00 |

PHILADELPHIA, Nov. 24.

| | |
|----------------------------------|-------------|
| Roses, Tea..... | 3.00@ 5.00 |
| " extra..... | 6.00@ 8.00 |
| " Liberty..... | 6.00@10.00 |
| " Queen of Edgely, extra..... | 12.00@25.00 |
| " firsts..... | 8.00@12.00 |
| " Beauty, extra..... | 12.00@25.00 |
| " firsts..... | 8.00@12.00 |
| Carnations..... | 1.00@ 3.00 |
| Chrysanthemums, per doz., \$1@34 | 8.00@35.00 |
| Lily of the valley..... | 3.00@ 4.00 |
| Asparagus..... | 25.00@50.00 |
| Smilax..... | 12.00@15.00 |
| Violets, single..... | .25@ .50 |
| " double..... | .50@ 1.00 |
| Adiantum..... | 1.00@ 1.50 |
| Gardenias..... | .35@ .50 |
| Mignonette..... | 1.00@ 2.00 |

BUFFALO, Nov. 23.

| | |
|----------------------------------|-------------|
| Roses, Beauty..... | 6.00@50.00 |
| " Bride, Bridesmaid, Meteor..... | 2.00@ 8.00 |
| Carnations..... | 2.00@ 5.00 |
| Harrisii..... | 15.00 |
| Lily of the valley..... | 2.00@ 5.00 |
| Asparagus, strings..... | 40.00@50.00 |
| Smilax..... | 10.00@15.00 |
| Adiantum..... | .50@ 1.00 |
| Lilium Longiflorum..... | 15.00 |
| Chrysanthemums..... | 3.00@25.00 |
| Violets..... | 1.00@ 2.00 |



HENRY M. ROBINSON & CO., L. D. Phone 2618 Main. 8 and 11 Province St., Boston, Mass.

Please mention the American Florist when writing.

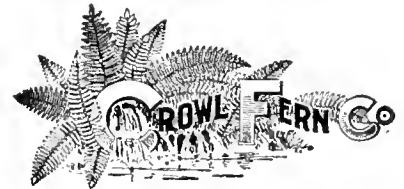
BERGER BROS. WHOLESALE FLORISTS.

Bell and Keystone 'Phones. 1220 Filbert Street, PHILADELPHIA.

Please mention the American Florist when writing.

HARDY CUT FERNS.

Fancy or Dagger Ferns, 85c per 1000. Galax, Brilliant Bronze or Green, 75c per 1000; \$8.50 per case of 10,000. Laurel Festooning, hand-made, full sizes, 4c, 5c and 6c per yd. Made fresh daily from the woods. Send us your Thanksgiving orders now and we will please you. Branch Laurel, 35c per large bundle. Southern Wild Smilax, \$5.50 per case, large size. Laurel Wreaths and Princess Pine Wreaths, made all sizes and prices. Princess Pine by the lb. and made into roping. Tell us your wants and we will name you prices.



Tel. Office, New Salem, Mass. Millington, Mass.

The Philadelphia Wholesale Flower Market.

1235-7 Filbert St., PHILADELPHIA.

Open from 7 A. M. to 6 P. M. Telephones.

—GREEN AND BRONZE—

Galax Leaves.

Fresh Gathered, \$3.00 for case of 5,000.

Cash with order.

HALL & JONES COMPANY,

BLOWING ROCK, NORTH CAROLINA

HARDY CUT FERNS.

We carry the finest and most complete line of Decorative Evergreens and Florists' Supplies. Our specialties are DAGGER and FANCY FERNS, All quality, \$1.00 per 1000. Discount on larger orders. BRILLIANT BRONZE and GREEN GALAX, \$1.00 per 1000. Laurel Festooning, good and full, handmade 5c and 6c per yd. Green and Sphagnum Moss, \$1.00 per bbl. Sphagnum Moss, 50c per bag; 5 bags, \$2.00. Ivy Leaves, \$4.00 per 1000. Sprengerii, 25c and 50c per bunch. Asparagus Plumosus, 50c per bunch or string. Leucothoe Sprays, \$1.00 per 100; \$7.50 per 1000.

We also carry a full line of Florists' Supplies such as Tin Foil, Cut Wire, Corrugated Boxes, all sizes, Folding Boxes, Ribbons, all sizes and colors, Koral Letters, Block Letters, Wire Designs, Cypres Leaves, Etc., Etc. Our stock is of the best quality and at the most reasonable rates. Please write for our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.

HENRY M. ROBINSON & CO., L. D. Phone 2618 Main. 8 and 11 Province St., Boston, Mass.

Please mention the American Florist when writing.

FLOWERS SHIPPED BY

JOHN I. RAYNORARE THE BEST PRODUCT OF THE BEST
GROWERS FOR THE NEW YORK MARKET.**Adiantum Croweanum**
SOLD HERE EXCLUSIVELY.49 W. 28th St., NEW YORK.
Tel. 1908 Madison Square.**YOUNG & NUGENT**42 West 28th Street,
Telephone 2085 Madison Sq.**Wholesale Florists.**

CATTLEYS, GARDENIAS, ROSES, CARNATIONS and all seasonable novelties. With our long experience in shipping, and competent assistants in our packing department, we are in a position to guarantee out-of-town customers who place their orders with us that they will not be disappointed.

Walter F. Sheridan,
Wholesale Florist,

Telephone 802 Madison Square.

39 West 28th St., NEW YORK.

Telephone No. 756 Madison Square.

**MOORE, KENTZ & NASH**

Wholesale Commission Florists.

55 and 57 West 26th St. NEW YORK CITY.

Advice or sale note daily. Statement and check weekly. All consignments, large or small, receive the same attention. CORRESPONDENCE INVITED.

WHOLESALE WILLIAM GHORMLEY, COMMISSION

Daily Receiver and Shipper of Fresh Cut Flowers.

Orchids, Roses, Carnations, Valley, Lilies, etc.

Telephones 2200 and 2201 Madison Square.

57 West 28th Street, NEW YORK CITY.

JOHN YOUNG,Special American Beauties,
Surpassing Carnations,
Lily of the Valley, Orchids
and all Seasonable Flowers.51 West 28th St., NEW YORK.
Telephone 1906 Madison Square.THE RECOGNIZED HEADQUARTERS IN
NEW YORK CITY FOR**Violets and Carnations**GROWERS and BUYERS make a note of this.
It will be to your advantage.WM. H. GUNTHER,
30 West 29th Street, NEW YORK.
Telephone 551 Madison Square.**THOMAS YOUNG, Jr.**
WHOLESALE FLORIST.**CHOICEST CUT FLOWERS.**
43 W. 28th St., NEW YORK CITY.THE RELIABLE
COMMISSION HOUSE**JOSEPH S. FENRICH**48 W. 30th Street, NEW YORK.
TEL. 325 MADISON SQ.**N. Y. CUT FLOWER EXCHANGE**Coogan Bldg. 6th Ave. and W. 26th St., New York.
Open for Cut Flower Sales at 6 o'clock
Every Morning.....DESIRABLE WALL SPACE TO RENT FOR
ADVERTISING.

JOHN DONALDSON, Secretary.

Choice Carnations.

Selected Roses.

Traendly & Schenck

NEW YORK CITY,

44 W. 28th Street, Cut Flower Exchange.
New Telephone No. 798 & 799 Madison Sq.**Wholesale Flower Markets**

NEW YORK, Nov. 23.

| | |
|------------------------------------|-------------|
| Roses, Beauty, best..... | 5.00@30.00 |
| " " medium..... | 1.00@ 4.00 |
| " " culls..... | .50@ 2.00 |
| " Liberty, best..... | 6.00@10.00 |
| " " medium..... | 2.00@ 5.00 |
| " " culls..... | .50@ 1.00 |
| " Bride, Bridesmaid, G. Gate..... | .50@10.00 |
| " Kaiserin, Carnot..... | .50@ 8.00 |
| Carnations..... | .50@ 3.00 |
| " " fancy and novelties..... | 2.00@ 6.00 |
| Lily of the valley..... | 1.00@ 4.00 |
| Lilies..... | 4.00@ 8.00 |
| Smilax..... | 5.00@10.00 |
| Adiantum..... | .10@ .50 |
| Asparagus..... | 25.00@50.00 |
| Gardenias..... | 2.00@ 6.00 |
| Violets..... | 1.00@ 1.50 |
| Chrysanthemums, per doz., 50c@5.00 | |

Charles Millang**WHOLESALE FLORIST.**Conservatory connected from which I can ship
ferns and decorative plants promptly.50 W. 29th St. NEW YORK.
Tel. 3860 and 3861 Madison Square.Receivers and Shippers of Cut Flowers.
Consignments Solicited.**A. L. YOUNG & CO., Wholesale**
Florists,
54 West 28th Street,
Telephone 3559 Madison Sq. NEW YORK.**FORD BROS.**

Receivers and Shippers of

Fresh Flowers111 West 30th St., NEW YORK.
Telephones 3870-3871 Madison Sq.

REPRESENTING EMINENT GROWERS.

Julius Lang

53 West 30th Street, NEW YORK.

COMMISSION DEALER in FLOWERS
TELEPHONE 280 MADISON SQUARE.**ALEX. J. GUTTMAN,**

Wholesale Commission Florist,

All varieties of Cut Flowers in season
at right prices, and of the
BEST QUALITY.52 W. 29th Street, NEW YORK CITY.
Telephone 1664 and 1665 Madison Square.**THE**
NEW YORK CUT FLOWER CO.

55 and 57 West 26th St.,

WHOLESALE FLORISTS.Daily Reports. Weekly Payments:
TELEPHONE J. A. MILLANG,
756 Madison Sq. MANAGER.**CARNATIONS My**
Specialty.

CONSIGNMENTS SOLICITED.

Prompt Payments. Established 1891

Alfred H. Langjahr, New York.
Telephone 3924 Madison Sq.**EDW. C. HORAN,**

55 WEST 28TH STREET,

Telephone 421
Madison Square.

.....NEW YORK.

CUT FLOWERS AT WHOLESALE.

INTERNATIONAL FLOWER DELIVERY.

NEW YORK.

Steamer Gifts

Orders for flowers in any form carefully filled and delivered by special messenger on board any steamer on day of departure from New York.

THOS. YOUNG, JR.

43 W. 28th St., NEW YORK CITY.

Please mention the American Florist when writing.

SAN FRANCISCO.

TELEPHONE MAIN 1023.

SIEVERS & BOLAND,
Floral Artists,

33 Post Street, SAN FRANCISCO, CAL.

INDIANAPOLIS.

Bertermann Bros. Co.,
FLORISTS,

241 Massachusetts Ave., INDIANAPOLIS, IND.
Please mention the American Florist when writing.

ST. LOUIS.

Fred. C. Weber,
FLORIST,

4320-4328 Olive St., ST. LOUIS, MO.
Established 1873. L. Dial. Phone Lindell 196 M.

DENVER.

The Park
Floral Co.

J. A. VALENTINE, Pres. DENVER, COLO.

MILWAUKEE.

C. C. Pollworth Co.
MILWAUKEE, WIS.
Will take proper care of your orders in
WISCONSIN.

CHICAGO.

Established 1857.

The Geo. Wittbold Co.
1657 Buckingham Place, CHICAGO.

Growers and importers. The oldest and leading house in Central and Western United States. Decorative plants a specialty. Mail and Wire Orders Get Prompt attention.

Palmer's
BUFFALO,
N. Y.

PASSENGER STEAMSHIP MOVEMENTS.

| FROM | TO | STEAMER | *LINE | DAY | DUE ABOUT |
|---------------|-------------|----------------|-------|----------------------------|-----------|
| New York..... | Liverpool | Campania | 1 | Sat. Dec. 8, Noon. | Dec. 10 |
| New York..... | " | Etruria | 1 | Sat. Dec. 10, 7:30 a. m. | Dec. 16 |
| New York..... | Hamburg | Graf Waldersee | 3 | Sat. Dec. 3, 2:00 p. m. | Dec. 13 |
| New York..... | " | Bluecher | 3 | Sat. Dec. 10, 7:30 a. m. | Dec. 20 |
| New York..... | Copenhagen | Helig Olav | 4 | Wed. Dec. 7, 2:00 p. m. | Dec. 17 |
| New York..... | Glasgow | Furnessia | 5 | Sat. Dec. 3, Noon. | Dec. 13 |
| New York..... | Londoo | Mesaba | 6 | Sat. Dec. 3, 10:00 a. m. | Dec. 13 |
| New York..... | " | Marquette | 6 | Sat. Dec. 10, 10:00 a. m. | Dec. 20 |
| New York..... | Liverpool | Cedric | 7 | Wed. Dec. 7, 5:30 a. m. | Dec. 14 |
| New York..... | " | Oceanic | 7 | Wed. Dec. 14, 10:00 a. m. | Dec. 21 |
| New York..... | Southampton | Philadelphia | 8 | Sat. Dec. 3, 9:30 a. m. | Dec. 10 |
| New York..... | Antwerp | Finland | 9 | Sat. Dec. 10, 10:30 a. m. | Dec. 20 |
| New York..... | Havre | La Savoie | 10 | Thur. Dec. 1, 10:00 a. m. | Dec. 11 |
| New York..... | " | La Touraine | 10 | Thur. Dec. 8, 10:00 a. m. | Dec. 16 |
| New York..... | " | La Lorraine | 10 | Thur. Dec. 15, 10:00 a. m. | Dec. 24 |
| New York..... | Rotterdam | Statendam | 11 | Wed. Dec. 7, 10:00 a. m. | Dec. 16 |
| New York..... | " | Amsterdam | 11 | Wed. Dec. 14, 10:00 p. m. | Dec. 23 |
| New York..... | Genoa | Liguria | 12 | Sat. Dec. 10, 11:00 a. m. | Dec. 25 |
| Boston..... | Liverpool | Bohemian | 14 | Wed. Dec. 7, 9:30 a. m. | Dec. 17 |
| Boston..... | " | Caodian | 14 | Wed. Dec. 14, 3:00 p. m. | Dec. 24 |

*1 Cunard; 2 Allen-State; 3 Hamburg-American; 4 Scandinavian-American; Anchor Line; 6 Atlantic Transport; 7 White Star; 8 American; 9 Red Star; 10 French; 11 Holland-American; 12 Italian Royal Mail; 13 North German Lloyd; 14 Leyland; 15 Dominion.

DETROIT.

JOHN BREITMEYER'S
SONS

Cor. MIAMI and GRATIOT AVES.

DETROIT, MICH.

Artistic Designs.***

High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Please mention the American Florist when writing.

CHICAGO.

P. J. HAUSWIRTH
Auditorium Annex,
CHICAGO.

Mail, telegraph or telephone orders filled promptly in best style.

OMAHA.

HESS & SWOBODA,
FLORISTS,

1415 Farnam Street, OMAHA, NEB.
Phone 1501 and L. 1682.

SPRINGFIELD.

Mark Aitken
FLORIST.

388 Main St., Springfield, Mass.

Please mention the American Florist when writing.

MILLS THE FLORIST,

36 W. Forsyth Street,
JACKSONVILLE, FLA.

Please mention the American Florist when writing.

NEW YORK.

LEIKENS

7 E. 33d St. Near New York City.
Waldorf-Astoria
Telephone No. 1417 Madison.

NURSERIES, RUTHERFORD, N. J.

Orders for Baskets, Boxes, Designs, Steamers, Receptions, and from out-of-town Florists will receive personal and careful attention. We guarantee perfect satisfaction.

Please mention the American Florist when writing.

WASHINGTON.

Joseph R. Freeman,
FLORIST,

612 13th St. N.W., WASHINGTON, D. C.

Please mention the American Florist when writing.

ST. PAUL.

HOLM & OLSON,
ST. PAUL.

THE LEADING FLORISTS OF THE N. W.
Orders will be well cared for anywhere in Minnesota and the Dakotas.

Please mention the American Florist when writing.

CHRISTMAS HOLIDAY EXCURSION RATES

via the Nickel Plate Road, December 24, 25, 26 and 31, 1904, and January 1 and 2, 1905, good returning January 4, 1905, at a fare and a third for the round trip between Chicago and Buffalo. Three through express trains daily to Fort Wayne, Findlay, Cleveland, Erie, Buffalo, New York, Boston and all eastern points. Through Pullman Sleepers and excellent dining-car service. Individual Club Meals, ranging in price from 30c to \$1, being served in Nickel Plate dining-cars; also service a la carte. No excess fare charged on any train. Chicago depot, Van Buren and La Salle Sts. City ticket offices, 111 Adams St. and Auditorium Annex. All information given upon application to John Y. Calahan, General Agent, 111 Adams St., Room 298.

Please mention the American Florist when writing.

KENNICOTT BROS. COMPANY

Our reputation has always been that we fill orders when others fail. All stock in season at lowest market rates.

LEADING CUT FLOWER HOUSE IN CHICAGO.

KENNICOTT BROTHERS COMPANY,
40-42-44 Randolph Street, CHICAGO.

Please mention the American Florist when writing

R. C. HAYDEN, Sec'y and Treas.

WM. J. MUTH, Manager.

PHILADELPHIA CUT FLOWER CO.

(SUCCESSOR TO CHARLES F. EDGAR & CO.)

Wholesale Commission Florists

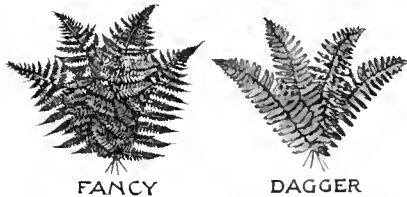
WE DAILY RECEIVE AND SHIP ALL THE

LEADING... VARIETIES of **CHRYSANTHEMUMS, ROSES, CARNATIONS** And Other Seasonable Flowers

1516-1518 Sansom Street,

Bell and Keystone Phones.
Open 7:30 a. m. to 8 p. m.

PHILADELPHIA, PA.



FANCY

DAGGER

Hardy Cut Ferns

First Quality, \$1.00 per 1000.

ALSO DEALER IN

CHRISTMAS TREES, Baled Spruce for Cemetery Use,
Bouquet Green, Sphagnum Moss, Etc.

L. B. BRAGUE, Hinsdale, Mass.

Please mention the American Florist when writing

FANCY CUT FLOWERS A SPECIALTY.

If you want Choice Cut Flowers at any time or all the time, send to

CHARLES W. McKELLAR,
51 Wabash Avenue, CHICAGO.

Western Headquarters for Choice

ORCHIDS, FANCY VALLEY, VIOLETS BEAUTIES, TEA ROSES, CARNATIONS and CHRYSANTHEMUMS. Wild Smilax, Asparagus, Adiantum, Smilax, Fancy Ferns always in abundance. Also a complete line of all Florists' Supplies. Novelties and Wire Work. Our Christmas Goods are all in and are unsurpassed.

LONG DISTANCE 'PHONE, CENTRAL 3598, AUTO. 3623.



CHAS. CHADWICK,

COR. FULTON & LAGRAVE,

Grand Rapids, Mich.

WHOLESALE and RETAIL FLORIST.

High-Grade Cut Blooms.

Carnations, Roses, 'Mums, Violets, Etc.

Choice American Beauties a Specialty.

Artistic Designs on Short Notice.

Good Shipping Facilities to all Michigan Points.

—A TRIAL ORDER SOLICITED.—

Please mention the American Florist when writing.

AMERICAN BEAUTIES.

Cut Roses—American Beauties and all kinds of Tea Roses at lowest prices. Trial orders solicited.

HELLER BROS., New Castle, Ind.
South Park Floral Company

Please mention the American Florist when writing.

RICE BROTHERS
128 N. 6th St., MINNEAPOLIS, MINN.

Wholesale Cut Flowers and Supplies.

Wild Smilax | Flowers billed at Market Prices.
Whippers of choice Cut Flowers and Greens of all kinds. Try us.

Please mention the American Florist when writing.

Wild Smilax.

DO YOU KNOW THAT

VAUGHAN & SPERRY

Sell the very best quality of **WILD SMILAX?**

| | |
|--------------------|--------|
| 20 pound case..... | \$3.00 |
| 35 pound case..... | 4.00 |
| 50 pound case..... | 5.00 |

There is none better, they get it fresh every day. Don't forget the number

60 Wabash Av., CHICAGO.

WRITE FOR SPECIAL PRICES ON LARGE LOTS.

Indianapolis Floral Co.

839 Ft. Wayne Avenue,

INDIANAPOLIS, IND.

WHOLESALE

Commission Florists.

ALL ORDERS PROMPTLY FILLED IN BEST POSSIBLE MANNER.

Consignments Solicited. We are in position to give prompt and liberal returns on all consignments.

WANTED, Bulbs.

We want to buy in lots of 1,000 to 10,000 each the following: TULIPS, select mixtures, CROCUS, HYACINTHS, separate colors mixed, NARCISUS, all kinds, LILIES.

HIGH-GRADE SOUTHERN WILD SMILAX.

SPECIAL FACILITIES FOR HANDLING LARGE ORDERS.
WRITE, WIRE OR PHONE.

E. A. BEAVEN,

And Florists' Hardy Decorative Supplies.
Prices Right.

- - Evergreen, Ala.

The Seed Trade.

AMERICAN SEED TRADE ASSOCIATION.

Chas. N. Page, Des Moines, Ia., Pres.; L. L. May, St. Paul, Minn., First Vice-Pres.; C. E. Kendel, Cleveland, O., Sec'y and Treas. Twenty-third annual convention, June, 1905.

VISITED CHICAGO: John Lindholm, Minneapolis, Minn.

THE titles of the two views of the Fagate seed farms, shown in this department of our last issue, were inadvertently transposed.

HOLLY so far received shows that because of the very mild weather which has prevailed to date the berries have not yet ripened as they do if weather is seasonable.

THE Bureau of Plant Industry of the United States Department of Agriculture has issued a bulletin (No. 51, part 5), giving the legal and customary weights per bushel of seeds.

THE following are the officers of the James Vick's Sons Company, seedsmen, at Rochester, N. Y.: Chas. H. Vick, president; Fred B. King, secretary; Wm. T. Fonda, treasurer; P. K. Nott, superintendent.

FALL bulb sales have been very good this season, and on many lines there has been a good clearance. Crocus is cleaned up, so also are Scilla Sibirica and many named tulips. Single mixed hyacinth stock, except red, have sold well. Some houses report named hyacinths are on hand and say they have moved slowly. Others report well sold up.

BOUQUET GREEN this season is of unusually good quality, rainy and reasonably cool weather prevailed during the early picking in the green district. Reports the past week indicate continued good weather and fair increase in stocks everywhere. Probably seventy-five per cent or better of an average output has been secured and rather easier jobbing rates prevail. The hunting season being on, the pickers are much more timid about going into the woods, and picking is lessened forty or fifty per cent on this account.

Albany, N. Y.

J. Comont, representing Carter, Dunnett & Beale, wholesale seed merchants,

London, England, called on seedsmen George H. Price, a few days ago, enroute to England. Mr. Comont had just returned from the west and Canada. In the latter place he superintended the firm's shipment of seed peas, which he said were fair in quantity. He also reported an immense trade in flower seeds in the west, in amount much larger than is usual at this time of the year.

R. D.

The Vilmorin Monument.

(TO BE ERECTED IN PARIS, FRANCE.)

The eminent services rendered to agriculture and horticulture by Henry de Vilmorin are well known. His premature death has had a sad echo in the agricultural and horticultural world, not only in France but in other countries as well. The regrets which his death has caused, the sympathies which continue to honor his memory, must necessarily call attention again to the entire work accomplished during more than a century by the Vilmorin family, whose name is justly and universally esteemed.

In fact during four generations the heads of the Vilmorin family,—Philippe Victoire de Vilmorin, his son Philippe Andre, then his grandson Louis, and lastly his great grandson Henry,—have successively associated the name Vilmorin with the progress made in agriculture and horticulture within the past 150 years. It is the Vilmorins who introduced and made popular in the gardens, in the forests, and in the fields, a very large number of well known useful vegetables and seeds, some of which were obtained in their experiment gardens, and others imported into France from distant countries.

To recapitulate, we can say that without the Vilmorins there would perhaps be a little less grain in the fields, but without any doubt, less sugar in our beets and certainly less flowers in our gardens. It is this long and immense work accomplished by the Vilmorins which we propose to honor. All those who are interested in agricultural and horticultural progress will doubtless think it just to perpetuate their memory by a monument worthy of the services which they have rendered and will, no doubt take part in the subscription started to this end.

The members of the Vilmorin committee in the United States are: Charles S. Sargent, director of the Arnold Arboretum and Professor of Harvard University, Boston, Mass.; William McMurtrie, ex-president of the Chemists' Association, of New York; and D. M. Ferry, president of D. M. Ferry & Company, Detroit, Mich.

Remittances, large or small, made to either of the above, will be acknowledged and forwarded.

[The amount of each individual subscription is not so important as that each one who appreciates the great work above mentioned testify in this way his remembrance of it.—ED.]

Louisville.

The previous week has been unusually good in some respects. Two or three large decorations and several minor ones kept us moving at a pretty lively gait. The weather, which was very cold for a few days, turned warm, and naturally there was quite a demand for chrysanthemums, some of the ladies having cultivated the good habit of carrying them. Roses are very good in quality

and the quantity is also satisfactory, with the possible exception of American Beauty. The demand has been good. Carnations are fast increasing in quality, although the quantity is a little short. The demand has been exceptionally good. Chrysanthemums are very plentiful, with the exception of pink. The quality and demand are very satisfactory. Violets have increased a little in quantity, but are not equal to the demand. The quality is very good. Green goods have been in good demand, causing smilax, especially, to become a little short. This section has been dry for quite a while, but it will be very encouraging to learn that the weather has turned warm and the indications favor rain. To give an idea of the seriousness, it has been reported that some haven't water enough for their stock.

Mrs. Charles W. Reimers has been keeping a very attractive display of chrysanthemums in her window.

F. Walker & Company have a rare opportunity to display good chrysanthemums in their large window.

Beutel & Frederick, successors to William Mann, are closely following the record made by him on calla lilies. The stock is exceptionally good and shows good prospects for the near future. Mr. Mann has long been known as the "calla king" in the local craft.

Mr. Nanz of Owensboro, Ky., was a recent visitor.

F. L. S.

BIDDEFORD, Mo.—Samuel W. Perkins is making extensive improvements on his greenhouses. He has put in a boiler for heating purposes.

LILY OF THE VALLEY

Forcing pips. Very fine variety.

Apply to

JULIUS HANSEN,
Pinneberg, Germany.

BOUQUET GREEN

Best quality at lowest rates. We gather our own GREENS and bring by our own boat direct. Also CHRISTMAS TREES.

Northern Michigan Evergreen Nursery,
SCHOONER GEO. L. WRENN, S. W. Cor. Clark St.
H. Schuenemann, Capt. Bridge CHICAGO.
Please mention the American Florist when writing

Wreathing....

Well wound from fresh stock, light \$2.65. Medium, \$3.50. Heavy, \$4.50 per 100 yards. BOUQUET GREEN, \$5.00 per 100 lbs. Cash XMAS TREES. Write for particulars.

JOSEPH BANCROFT & SON,
CEDAR FALLS, IOWA.

NEW HARDY ANNUAL.

The Gold Medal Carmine-Flowered Tobacco Plant

Nicotiana Sanderae

Silver Medal Massachusetts Horticultural Society, Boston, November 3, 1904.

Seeds in original packets from all seedsmen throughout the United States.

Gold Medal, London, 1903. Gold Medal, Royal Horticultural Society of England, 1904. First-class Certificate and Barksean Medal by 24 members of Floral Committee, R. H. Society.

Particulars, colored illustrations, etc., from

SANDER & SONS, ST. ALBANS, ENGLAND.

WHOLESALE AGENTS FOR THE UNITED STATES:

HENRY A. DREER, Chestnut St., Philadelphia, Pa.
J. M. THORBURN, Cortlandt St., New York.
VAUGHAN'S SEED STORE, Chicago and New York.

Please mention the American Florist when writing.



A NEW POTATO AUCTION SALE IN ENGLAND.

(At W. W. Johnson & Son's, Boston, Lincolnshire.)



CHAS. P. BRASLAN

OF THE

**Braslan Seed Growers'
Company,**

SAN JOSE, CAL.

Started on his Annual Eastern Trip
November 20.

With an increased acreage and many new lines of California
Flower Seed not heretofore offered on contract.

JAPANESE PEAR SEED

Crop 1904.

Due December.

\$250.00 per 100 pounds.

**SEND ORDERS NOW FOR NURSERY STOCK FOR
SPRING DELIVERY.**

SUZUKI & IIDA,

31 Barclay St., NEW YORK.



Price and year of crop not correct in previous advertisement.

The Nursery Trade

AMERICAN ASSOCIATION OF NURSERYMEN.

E. W. Kirkpatrick, McKinney, Tex., Pres.;
C. L. Watrous, Des Moines, Ia., Vice-Pres.;
George C. Seager, Rochester, N. Y., Sec'y.
Thirtieth annual convention, West Baden
Springs, Ind., June, 1905.

PROF. W. N. HUTT, formerly of Guelph, Ont., is now horticulturist at the Maryland experiment station, College Park, Md.

VIENNA, ILL.—The Horticultural Society of Southern Illinois held its annual meeting at Vienna, Johnson county, November 22 and 23.

CHAMPAIGN, ILL.—The thirty-second annual meeting of the Central Illinois Horticultural Society will be held here November 29 and 30.

ONECO, FLA.—At the South Florida fair and midwinter exposition being held at Tampa the Royal Palm Nurseries have an exhibit embracing eighty kinds of citrus fruits, orange, lemon, lime, pomelo, kumquat, etc., occupying about 900 square feet of space.

BULLETIN No. 85 of the Bureau of Chemistry, United States Department of Agriculture, contains some interesting information regarding the cementing power of road materials, with a table giving the cementing values of the principal road materials found in every section of the country.

A New Method of Budding.

In the method described in the Queensland Agricultural Journal a piece of bone was sharpened like a lead pencil and fitted with a handle. This was used to make incisions in the bark of a ten-year-old peach tree, into which buds were fitted. The buds were held in place by tacking on a small piece of leather, using upholsterers' half-inch gimp pins "which, being enameled, do not rust." As the buds swelled the tacks were loosened. The method is recommended for old trees requiring new wood, "an advantage being that it does not interfere with the tree bearing fruit while the buds are being matured. No string or clay or grafting wax is required, as with the old system."

Fall Use of Sulphur Sprays.

"Spraying with sulphur washes is at present the most safe and effective method for control of San Jose scale in orchards," says F. H. Hall in Bulletin No. 254 of the New York Experiment Station. "This treatment is simpler and more widely applicable than fumigation, safer than spraying with crude petroleum or kerosene emulsion and more certain than treatment with whale-oil soap. But such spraying is feasible only when the trees are leafless and dormant, since the caustic properties of the compounds formed would destroy the foliage, even if it were practicable to cover such large areas as the leaves would present with a spray so heavy as lime and sulphur, or possible to reach the clustered scales on trunk and branches when protected by foliage. Hitherto it has been the custom to spray only in late winter or early spring, but the scale infestation has become so general and the area to be treated so extensive in many large orchards that the

infested trees cannot all be covered in the short spring spraying season with the thoroughness requisite for success."

Pittsburg.

The absence of the usual debutante functions, and the brilliant teas and dances that follow, which are a most important factor to florists and others, is greatly felt this season. In previous seasons a long list of these events began early in November and continued until Christmas, but so far but few have taken place and very few more are being scheduled. The wholesale houses report business very good and that big increases are being made. Much of this is due to the shipping business, which has grown wonderfully. Business at distant points in any direction is desired and being cultivated with very good success.

Breitenstein & Flemm are displaying a number of Baby chrysanthemum plants. The blooms are yellow and the pans are covered with foliage and green paper and decorated with yellow ribbon. This novelty and arrangement is strikingly effective and is attracting wide attention.

I regret to announce the death of Mrs. E. A. Williams' father, Captain Samuel M. Duvall. Captain Duvall was a distinguished soldier of the civil war, and was held in high esteem by all who knew him.

The Pittsburg Cut Flower Company is having a great run on boxwood sprays, which are very beautiful and effective. The sale of Christmas bells is swift and a big demand for them is anticipated.

Owing to unexpected delays in securing various materials for Charles Seibert's new building, it will not be ready for occupancy until about January 1.

P. J. Deemas wears a smile that won't come off. He states that this effect is due to a very substantial cause, which is continued good business.

Howard Carney states that the J. B. Murdoch Company's business for the past month has greatly exceeded anticipations.

Those on business trips in the east are J. B. Murdoch, E. C. Ludwig and George Burk.

Visitors: William Craig, jr., Philadelphia, Pa.; C. F. Peterson, Cincinnati, O.; Mr. Walker, of Walker & McLain, Stuebenville, O. E. L. M.

HOW TO EARN \$20 to \$50 PER WEEK.

This is an advertisement but is worthy of your careful consideration, as it is a bonafide offer to the readers of the AMERICAN FLORIST for their services this winter—whole or part time.

If you mean business it will pay you to write to the Spaulding Company and get their proposition. Whether you are experienced in their line or not they will outfit you free and instruct you fully each week, so that you will positively make as much as stated above, in cash, and in addition thereto will receive many premiums, not cheap, trashy things but useful and valuable articles which they send their salesmen free, from time to time, by way of appreciation and encouragement.

Working for them is not like representing an ordinary nursery concern, for they are nurserymen of national reputation and can be depended upon to fulfill all agreements with salesmen and customers. They will make life easy and prosperous for you if you give them the chance.

Write them to-day for full particulars.

—ADDRESS—

SPAULDING NURSERY & ORCHARD CO.,
SPAULDING, ILL.

Surplus Stock. Clematis, pot-grown, in leading var., with 50% Jackmaani, 3 to 4 feet high, 1 to 3 shoots, \$85.00 per 1000. Clematis, field-grown, 2 to 3 years old, strong shoots, with 50% Jackmaani, \$120.00 per 1000. Tree Roses, in leading var., strong heads and stems, \$160.00 per 10. Low budded Roses in leading var., 2 years old, \$40.00 per 1000. Climbing Roses, in leading var., 3 to 4 feet high, with plant of shoots, \$70.00 per 1000. Turner Crimson Ramblers 3 to 4 feet high, strong shoots, \$50.00 per 1000. Caprifolium, (Honeysuckle) in var.: 5 feet high, strong shoots, \$12.00 per 100. Viburnum Opulus, (Snowball), strong shrubs, 2 to 3 feet high, \$70.00 per 1000. Lilacs, field-grown, 3 years old, in var., as Mary Legraye and Charles X., \$11.00 per 100. This quotation is only for a short while and you better take advantage of it at once. All other nursery stock prices upon application.

W. Van Kleef & Sons, The Nurseries,
Boskoop, Holland.
NO AGENTS. NO AGENTS.

For Fall Trade.

WE OFFER AN IMMENSE STOCK OF

WIER'S CUT LEAF MAPLES, TULIP TREES,
AZALEA INDICA (Home Grown.)
GARDENIAS,
MAGNOLIA GRANDIFLORA,
ORANGES and LEMONS (Grafted).
RUBBERS, KENTIAS, LATANIAS,
CHAMEROPS, PHOENIX and a
GENERAL LINE OF NURSERY STOCK.

All Healthy and Clean. Write for prices.

P. J. BERCKMANS CO., Inc.,
Fruitland Nurseries, AUGUSTA, GA.

Please mention the American Florist when writing.

EVERBLOOMING

THE BEST ROSE NOVELTY

**Dwarf
Crimson
 Rambler**

Vaughan's
Seed Store
CHICAGO,
NEW YORK.

ORDERS BOOKED NOW.

TREES and SHRUBS.

FINE VARIETIES. LOW PRICES.

For both Wholesale and Retail Trade. Send for catalogue.

Peterson Nursery, Lincoln & Peterson Aves.,
CHICAGO, ILL.

Send to **THE MOON**
Company

For } Trees, Shrubs, Vines
Your } and Small Fruits.

Descriptive Illustrated Catalogue Free.
THE WM. H. MOON CO.
Morrisville, Pa.

When in Europe come and see us and inspect our extensive Nurseries. Gouda is our railroad depot.

HARDY, FANCY ORNAMENTAL NURSERY STOCK.

J. Blaauw & Co.,
BOSKOOP, HOLLAND.

Catalogue free on demand. Headquarters for the famous Colorado Blue Spruces, purest, bluest strain

Philadelphia Rambler.

Flowers brighter and much more double than Crimson Rambler, strong grower, blooms earlier and does not bleach out.
2½-inch plants.....\$6.00 per 100; \$50.00 per 1000
4-inch plants..... 2.00 per doz.; 15.00 per 100
5-inch plants..... 3.00 per doz.; 22.50 per 100

The Conard & Jones Co., WEST GROVE, PA.

DREER'S HARDY PERENNIALS.

During the past season we have considerably extended our stock of Hardy Perennials, which is now not only the most extensive and most complete in the country, but is in better condition than ever before.

FOR A MORE COMPLETE LIST SEE OUR CURRENT WHOLESALE LIST.

| | Doz. | 100 |
|-------------------------------------------------------------------------------------------------------------------|--------|---------|
| Acanthus Latifolius, 4-in. pots. | \$2.00 | \$15.00 |
| Mollis, 4-in. pots. | 2.00 | 15.00 |
| Aconitum Fieberi, strong. | 1.25 | 10.00 |
| Napellus, strong. | 1.25 | 10.00 |
| Autumale, strong. | 1.25 | 10.00 |
| Achillea Filipendula, strong divisions. | .75 | 6.00 |
| Millefolium Roseum, 3-in. pots. | .75 | 5.00 |
| "The Pearl," 3-in. pots. | .75 | 5.00 |
| Eupatorium, strong divisions. | 1.00 | 8.00 |
| Adonis Pyrenaica, strong. | 1.50 | 12.00 |
| Vernalis, strong. | 1.00 | 8.00 |
| Ajuga Revenens, strong divisions. | .75 | 6.00 |
| Reptans Variegata, strong divisions. | 1.00 | 8.00 |
| Alyssum Saxatile Compactum, 3-in. pts. | .75 | 6.00 |
| Amonia Tuberosa-montana, strong. | 1.25 | 10.00 |
| Anchusa Italica, field-grown. | .75 | 6.00 |
| Anemone Japonica. The following varieties can be supplied at 75 cents per doz.; \$6.00 per 100; \$50.00 per 1000: | | |
| Japonica Alba, Lady Ardilaun. | | |
| Queen Charlotte and Whirlwind. | | |
| Pennsylvanica, 3-in. pots. | \$0.75 | \$ 5.00 |
| Sylvestris, 3-in. pots. | .75 | 6.00 |
| Sylvestris Eliza Fellman, (new) 3-in. pts. | 1.50 | 12.00 |
| Aquilegia Chrysantha, 4-in. pots. | .75 | 6.00 |
| Caryophyllodes, 4-in. pots. | .75 | 6.00 |
| Canadensis, 3-in. pots. | .75 | 5.00 |
| Nivea Grandiflora, 4-in. pots. | .75 | 6.00 |
| Skinieri, 4-in. pots. | .75 | 6.00 |
| Vulgaris, 4-in. pots. | .75 | 6.00 |
| d. pl. 4-in. pots. | .75 | 6.00 |
| Arabis Alpina, 3-in. pots. | .60 | 5.00 |
| Alpina flora plena, field-grown. | 1.00 | 8.00 |
| Arenaria Balearica, 3-in. pots. | 1.00 | 8.00 |
| Armeria Maritima Splendens, 3-in. pts. | .75 | 6.00 |
| Maritima Alba, field-grown, 3-in. pts. | .75 | 6.00 |
| Artemisia Abrotamnium, strong. | .75 | 6.00 |
| Purshiana, strong. | .75 | 6.00 |
| Stellariana, strong. | .75 | 6.00 |
| Asclepias Tuberosa, strong. | .75 | 6.00 |
| Aubretia Hendersoni. | 1.25 | 10.00 |
| Leichtlini. | 1.25 | 10.00 |
| Græca. | 1.25 | 10.00 |

HARDY ALPINE ASTERS.

| | | |
|------------------------|--------|--------|
| Alpinus, 3-in. pots. | \$0.75 | \$6.00 |
| Speciosus, 3-in. pots. | .75 | 6.00 |
| Superbus, 3 in. pots. | .75 | 6.00 |
| Albus, 3-in. pots. | .75 | 6.00 |

HARDY ASTERS. (Michaelmas Daisies.)

| | | |
|---------------------------------------------------------|--|--|
| Amellus Elegans. Very large. Light blue. 18-in. | | |
| Amethystinus. Large amethyst blue. 3-ft. | | |
| Delight. Very free. Light rosy lilac. 4 ft. | | |
| F.W. Burbidge. Bright rosy lilac. Large size. 3 1/2 ft. | | |
| Formosissima. Deep lilac, shaded purple. 3 ft. | | |
| Horizontalis. Small, rosy lilac flowers. | | |
| Lavis. Light blue. 4 ft. | | |
| Madonna. An early free flowering white. 3 ft. | | |
| Mme. Soyneuse. Bright, rosy lilac. 15 in. | | |
| Mrs. F. W. Raynor. Light purplish crimson. 3 ft. | | |
| Novæ Angliæ. Large bluish purple. 3 ft. | | |
| Novæ Angliæ-Rosa. Bright rose color. 4 ft. | | |
| Robert Parker. A fine lavender blue. 4 ft. | | |
| Snowflake. Pure white. 2 1/2 ft. | | |
| Thos. S. Ware. Large, light rosy lilac. 3 1/2 ft. | | |
| Turbellus. Pale lavender. Large. 3 ft. | | |
| White Queen. Large white. 3 1/2 ft. | | |

Strong divisions. \$1.00 per doz.; \$8.00 per 100.

| | Doz. | 100 |
|---------------------------------------------|--------|---------|
| Baptisia Australis, field plants. | \$0.75 | \$ 6.00 |
| Tinctoria, field plants. | .75 | 6.00 |
| Bellis Perennis. (English Daisy). | .30 | 2.00 |
| Bocconia Cordata, strong divisions. | .75 | 6.00 |
| Boltonia Asteroides, strong divisions. | .75 | 6.00 |
| Latisquama, strong divisions. | .75 | 6.00 |
| Campanula Alliariaefolia, strong plants | 1.00 | 8.00 |
| Carpatia, blue; strong plants. | 1.00 | 8.00 |
| Carpatia Alba, strong plants. | 1.00 | 8.00 |
| Glomerata, strong divisions. | 1.00 | 8.00 |
| Glomerata Alba, strong divisions. | 1.00 | 8.00 |
| Grandis, strong plants. | 1.00 | 8.00 |
| Groszeki, strong divisions. | .75 | 6.00 |
| Latifolia Macrantha, strong plants. | 1.00 | 8.00 |
| Punctata, strong plants. | 1.00 | 8.00 |
| Persicifolia, heavy 4-in. pots. | .75 | 6.00 |
| Persicifolia Alba, heavy 4-in. pots. | .75 | 6.00 |
| Persicifolia Blackhousei, heavy 4-in. pots. | 1.00 | 8.00 |
| Pyramidalis, strong 1-year field-grown | 1.00 | 8.00 |
| Trachelium, strong plants. | 1.01 | 8.00 |
| Caryopteris Mastacanthus, 3-in. pots. | .75 | 5.00 |
| Cassia Marilandica, strong 1-year plants. | .75 | 6.00 |
| Catananche Bicolor, strong plants. | 1.25 | 10.00 |
| Centaurea Ruthenicus, strong plants. | 1.25 | 10.00 |
| Glaucifolia, strong plants. | 1.25 | 10.00 |
| Hirta Nigra Variegata, divisions. | .75 | 6.00 |
| Montana Alba, strong divisions. | 1.00 | 8.00 |
| Montana Lady Hastings, strong divisions. | 1.00 | 8.00 |
| Montana Rubra, strong divisions. | 1.00 | 8.00 |
| Montana Violette, strong divisions. | 1.00 | 8.00 |
| Cephalaria Alpina, strong plants. | 1.00 | 8.00 |
| Cephalaria Tartarica, strong plants. | 1.00 | 8.00 |
| Cerastium Tomentosum, 3-in. pots. | .75 | 6.00 |
| Chelone Lyonii, strong plants. | 1.00 | 8.00 |
| Glabra, strong plants. | 1.00 | 8.00 |
| Obliqua Alba, strong divisions. | 2.00 | 15.00 |

| | Doz. | 100 |
|--------------------------------------------------------|------|-------|
| Chrysanthemum Maximum Triumph. | 6.00 | 50.00 |
| strong 4-in. pots. | .75 | 6.00 |
| Maximum Filiformis, strong divisions. | .75 | 6.00 |
| Nipponicum, strong plants. | 1.00 | 8.00 |
| Cimicifuga Acerina or Japonica, strong plants. | 2.00 | 15.00 |
| Dahurica, strong plants. | 2.00 | 15.00 |
| Racemosa. (See Hardy Pinks) | 1.00 | 8.00 |
| Clematis Davidiana, 1-year-old. | .75 | 6.00 |
| Integrifolia, strong plants. | 1.00 | 8.00 |
| Recta. 2-year-old. | 1.00 | 8.00 |
| Coreopsis Lanceolata, heavy 4-in. pots. | .60 | 4.00 |
| Delphinium Chinense, 1-year seedlings. | .75 | 5.00 |
| Chinense Alba, 1-year seedlings. | .75 | 5.00 |
| Formosum, 1-year seedlings. | .75 | 6.00 |
| Hybridum, 1-year seedlings. | .75 | 6.00 |
| Sulphureum, 2-year-old corns. | 1.50 | 12.00 |
| Dianthus Barbatus. (Sweet William). | .50 | 4.00 |
| Napoleon III, 4-in. pots. | 1.50 | 10.00 |
| Plumarius. (See Hardy Pinks) | | |
| Dictamnus Fraxinella, pink 2-year-old | 1.00 | 8.00 |
| Fraxinella Alba, 2-year-old. | 1.25 | 10.00 |
| Digitalis Gloxiniflora, strong 4-in. pots. | .75 | 6.00 |
| Grandiflora, strong 4-in. pots. | .75 | 6.00 |
| Lanata, strong 4-in. pots. | .75 | 6.00 |
| Dielytra Spectabilis, strong clumps. | .75 | 6.00 |
| Formosa, strong clumps. | 1.00 | 8.00 |
| Doronicum Austricum, divisions. | 1.00 | 8.00 |
| Excelsum, divisions. | 1.00 | 8.00 |
| Echinops Ritro, strong plants. | 1.00 | 8.00 |
| Sphaerocephalus, strong plants. | 1.00 | 8.00 |
| Epimedium Lilacea, lilac. | 1.50 | 12.00 |
| Museanum, creamy white. | 1.50 | 12.00 |
| Niveum, pure white. | 1.50 | 12.00 |
| Sulphureum, light yellow. | 1.50 | 12.00 |
| Erigeron Glaucus, strong plants. | .75 | 6.00 |
| Glabeus, strong plants. | .75 | 6.00 |
| Coruleus Speciosus, strong plants. | .75 | 6.00 |
| Eryngium Amethystinum, strong plants. | 1.50 | 12.00 |
| Agavefolium, 4-in. pots. | 1.25 | 10.00 |
| Maritimum, strong plants. | 1.25 | 10.00 |
| Planum, strong plants. | 1.00 | 8.00 |
| Yuccifolium, strong clumps. | 1.00 | 8.00 |
| Eupatorium Culestinum, 3-in. pots. | .75 | 6.00 |
| Ageratoides, strong plants. | .75 | 6.00 |
| Purpureum, strong plants. | .60 | 4.00 |
| Serotinum, strong plants. | .75 | 6.00 |
| Euphorbia Corollata, 3-in. pots. | .60 | 4.00 |
| Funkia Cornelia, (Blue Day Lily). | .60 | 4.00 |
| Glaucia. | 1.00 | 8.00 |
| Subcordata Grandiflora, (White Day Lily). | .75 | 6.00 |
| Undulata Media Picta, (Variegated Day Lily). | .75 | 6.00 |
| Thos. Hogg. | .75 | 6.00 |
| Gaultheria Grandiflora, 4-in. pots. | .75 | 6.00 |
| Galega Officinalis, strong plants. | 1.00 | 8.00 |
| Alba, strong plants. | 1.00 | 8.00 |
| Geranium Sanguineum, strong divisions. | .75 | 6.00 |
| Sanguineum Album, strong divisions. | .75 | 6.00 |
| Geum Atrorubiginum, fl. pl. | .75 | 6.00 |
| Heldreichii. | .75 | 6.00 |
| Montanum. | .75 | 6.00 |
| Glechoma, (Nepeta) Variegata. | .75 | 6.00 |
| Gillenia Trifoliata, strong plants. | 1.00 | 8.00 |
| Gypsophila Paniculata. | .75 | 6.00 |
| Acutifolia. | 1.25 | 10.00 |
| Cerastoides. | .75 | 6.00 |
| Repans, 3-in. pots. | 1.00 | 8.00 |
| Helenium Autumale Superba, strong divisions. | 1.00 | 8.00 |
| Bolander, strong divisions. | 1.00 | 8.00 |
| Grandcephalum Striatum, strong divisions. | .75 | 6.00 |
| Hoopesti, strong plants. | .75 | 6.00 |
| Helianthus Davidiana, strong divisions. | .75 | 6.00 |
| Meteor, strong divisions. | .75 | 6.00 |
| Multiflorus, fl. pl. strong divisions. | .75 | 6.00 |
| Multiflorus Maximus, strong divisions. | .75 | 6.00 |
| Maximiliana, strong divisions. | .75 | 6.00 |
| Miss Melish, strong divisions. | .75 | 6.00 |
| Mollis, strong divisions. | .75 | 6.00 |
| Orgyalis, strong divisions. | .75 | 6.00 |
| Rigidus, strong divisions. | .75 | 6.00 |
| Soleil d'Or, strong divisions. | .75 | 6.00 |
| Tomentosus, strong divisions. | .75 | 6.00 |
| Wolley Dadd, strong divisions. | .75 | 6.00 |
| Heliospis Pitherianus, strong divisions. | .75 | 6.00 |
| Scaber Major, strong plants. | .75 | 6.00 |
| Hemerocallis Aurantica Major, strong divisions. | 3.50 | 25.00 |
| Dumortieri, strong divisions. | .75 | 6.00 |
| Flava (Yellow Day Lily) strong divisions. | .60 | 4.00 |
| Florum (New) strong divisions. | 3.50 | 25.00 |
| Fulva (Tawny Day Lily) strong divisions. | .60 | 4.00 |
| Kwanso, fl. pl. (Double Orange Lily) strong divisions. | .60 | 4.00 |
| Middendorffii, strong divisions. | .75 | 6.00 |
| Thunbergii, strong divisions. | .75 | 6.00 |
| Hibiscus Mosehueto, strong. | .75 | 6.00 |
| Moschueto, "Crimson Eye," strong. | .75 | 6.00 |
| Militaris, strong 2-year-old. | .75 | 5.00 |
| Hepatica Angulosa, 3-in. pots. | 1.00 | 8.00 |
| Triloba, 3-in. pots. | .75 | 6.00 |
| Hesperis Matronalis (Rocket) strong plants. | .75 | 6.00 |
| Hieracium Aurantiacum, 3-in. pots. | .75 | 6.00 |

| | Doz. | 100 |
|--------------------------------------------------------------------------|------|-------|
| Hypericum Moserianum, strong 1-year-old. | 1.00 | 8.00 |
| Hollyhocks, strong 1-year-old plants. | | |
| Double White, Red, Pink, Yellow. | | |
| Salmon, Maroon. | 1.50 | 10.00 |
| Allegheny. | 1.00 | 8.00 |
| Single Choice Mixed. | 1.00 | 8.00 |
| Iberis Sempervirens, strong plants. | .75 | 5.00 |
| Incurvillia Delavayi, strong roots. | 1.50 | 10.00 |
| Iris Kamperi, 24 varieties. | 1.50 | 10.00 |
| Iris Kamperi, choice mixed. | 1.00 | 8.00 |
| Iris Germanica, 12 varieties. | .75 | 6.00 |
| Iris Germanica, choice mixed. | .60 | 4.00 |
| Iris Subit et Orientalis, strong divisions. | 1.00 | 8.00 |
| Iris Pseudo-Acorus, strong divisions. | 1.00 | 8.00 |
| Liatris Pycnostachia, 1-year-old roots. | .75 | 6.00 |
| Sarcocolla, 1-year-old roots. | .75 | 6.00 |
| Spicata, 1-year-old roots. | .75 | 6.00 |
| Graminifolia, 1-year-old roots. | .75 | 6.00 |
| Lavandula Vera (Lavender) 3-in. pots. | .75 | 6.00 |
| Linum Perenne, 1-year-old seedlings. | .75 | 6.00 |
| Alba, 1-year-old seedlings. | .75 | 6.00 |
| Lindelia Longifolia, strong divisions. | 1.25 | 10.00 |
| Lithospermum Coelestinum. | 1.25 | 10.00 |
| Lobelia Cardinalis, strong. | .75 | 6.00 |
| Lysimachia Clethroides, strong divisions. | .75 | 6.00 |
| Ciliata, strong plants. | .75 | 6.00 |
| Nymularia. | .50 | 4.00 |
| Nymularia Aurea. | .75 | 6.00 |
| Punctata, strong divisions. | .75 | 6.00 |
| Lythrum Roseum Superbum, strong. | 1.00 | 8.00 |
| Lychis Alpina, strong plants. | .75 | 6.00 |
| Lychis Alpina Alba, strong plants. | .75 | 6.00 |
| Haageana, 3-in. pots. | .75 | 6.00 |
| Chalcedonia (Red Maltese Cross). | .75 | 6.00 |
| Alba (White Maltese Cross). | .75 | 6.00 |
| Carnea (Pink Maltese Cross). | .75 | 6.00 |
| Viscaria Double Red, clumps. | 1.25 | 10.00 |
| Lotus Corniculatus, strong divisions. | 1.25 | 10.00 |
| Mertensia Virginica, strong roots. | 1.00 | 8.00 |
| Mutha Piperita, 3-in. pots. | .50 | 4.00 |
| Variegata, 3-in. pots. | 1.00 | 8.00 |
| Monarda Didyma, 3-in. pots. | .75 | 6.00 |
| Rosea, 3 in. pots. | .75 | 6.00 |
| Splendens, 3 in. pots. | .75 | 6.00 |
| Fistulosa Alba, clumps. | .75 | 6.00 |
| Myosotis Palustris Semperflorens. | .60 | 4.00 |
| Alpistris Robusta Grandiflora. | .50 | 3.00 |
| Oenothera Fraseri, strong plants. | 1.00 | 8.00 |
| Frutescens, strong plants. | 1.00 | 8.00 |
| Missouriensis, 3-in. pots. | .75 | 6.00 |
| Pilgrim, strong plants. | 1.00 | 8.00 |
| Speciosus, strong plants. | 1.00 | 8.00 |
| Youngi, strong plants. | 1.00 | 8.00 |
| Papaver Orientalis. (The Oriental Poppy), 3 choice strain, strong roots. | .75 | 6.00 |
| Nudicaule (Chealand Poppy), strong. | .50 | 3.00 |
| Pardanthus Sinensis, strong divisions. | .50 | 4.00 |
| Paeonias, double herbaceous, 50 vars. | 2.00 | 15.00 |
| Paeonias, double white, mixed. | 1.50 | 12.00 |
| Paeonias, double red, mixed. | .75 | 6.00 |
| Paeonias, double pink, mixed. | .75 | 6.00 |
| Paeonias, double, all colors mixed. | .75 | 6.00 |
| Pentstemon Barbatus Torreyi, strong. | 1.00 | 8.00 |
| Diffusus, strong plants. | .75 | 6.00 |
| Digi alis, strong plants. | .75 | 6.00 |
| Glaber hybrids, strong plants. | 1.25 | 10.00 |
| Grandiflorus, strong plants. | 1.25 | 10.00 |
| Heterophyllus, strong plants. | 1.00 | 8.00 |
| Gentianoides, 3-in. pots. | .75 | 6.00 |
| Pulscens, strong plants. | 1.00 | 8.00 |
| Smalli, strong plants. | 1.00 | 8.00 |
| Petasites Japonicus Giganteus, strong. | 1.25 | 10.00 |
| Phlox, Hardy Perennial, 25 choice varieties, 1-year field-grown. | .75 | 5.00 |
| Physostegia Virginica, strong divisions. | .75 | 6.00 |
| Virginia Alba, divisions. | .75 | 6.00 |
| Denticulata, strong divisions. | .75 | 6.00 |
| Pinks, hardy garden, in 8 choice vars. | .75 | 6.00 |
| Platycodon Mariæi, 2-yr-old roots. | .75 | 6.00 |
| Grandiflorum, blue, 2-yr-old roots. | .75 | 6.00 |
| Album, white, 2-yr-old roots. | .75 | 6.00 |
| Polygonum Cuspidatum, strong. | 1.25 | 10.00 |
| Compactum, strong plants. | 1.00 | 8.00 |
| Potentilla Phoenix, strong divisions. | 1.00 | 8.00 |
| Polemonium Coruleum, strong. | .75 | 6.00 |
| Richardsoni, strong divisions. | .75 | 6.00 |
| Alba, strong divisions. | .75 | 6.00 |
| Repans. | .75 | 6.00 |
| Stokesia Cœanea, strong plants. | 1.00 | 8.00 |
| Thalictrum Aquilegifolium Album. | 1.50 | 12.00 |
| Aquilegifolium Atropurpureum. | 1.00 | 8.00 |
| Roseum. | 1.25 | 10.00 |
| Adiantifolia. | 1.00 | 8.00 |
| Minus. | .75 | 6.00 |
| Thymus Montanus Albus, 3-in. pot s. | 1.00 | 8.00 |
| Vulgaris Cœanea, 3-in. pots. | 1.00 | 8.00 |
| Laugmosus, 3-in. pots. | 1.00 | 8.00 |
| Serpillium Aureum, 3-in. pots. | .75 | 6.00 |
| Tradescantia Virginica, strong. | .60 | 4.00 |
| Virginica Alba. | .60 | 4.00 |
| Tricyrtis Hirta, strong plants. | 1.00 | 8.00 |
| Trillium Erectum. | .75 | 6.00 |

TRITOMAS.

| | Doz. | 100 | 1000 |
|---------------------------------------|--------|--------|---------|
| Pfitzeri (Everblooming Flame Flower). | \$1.00 | \$6.00 | \$40.00 |
| Evania Grandiflora. | .75 | 6.00 | 50.00 |
| Corallina. | .75 | 6.00 | 50.00 |
| Mac Owanii. | .75 | 6.00 | 50.00 |

HENRY A. DREER,

714 CHESTNUT STREET,

PHILADELPHIA, PA.

Our Pastimes

Announcements of coming contests or other events of interest to our bowling, shooting and sporting readers are solicited and will be given place in this column.

Address all correspondence for this department to J. H. Pepper, 42 West 28th St., New York; Robt. Kift, 1725 Chestnut St., Philadelphia; or to the American Florist Co., Chicago.

At Chicago.

The Florists' Club bowlers did things at Thompson's alleys, Monday evening, November 22, as the accompanying scores will show:

| Player | 1st | 2d | 3d |
|-------------------|-----|-----|-----|
| V. Bergman..... | 133 | 142 | 156 |
| Pasternich..... | 118 | 108 | 128 |
| V. Kroitling..... | 123 | 143 | 138 |
| Asmus..... | 169 | 155 | 176 |

| Player | 1st | 2d | 3d |
|--------------|-----|-----|-----|
| Lambros..... | 186 | 130 | 125 |
| Callas..... | 181 | 144 | 204 |
| Benakos..... | 156 | 132 | 125 |
| Venson..... | 166 | 157 | 140 |

| Player | 1st | 2d | 3d |
|--------------------|-----|-----|-----|
| P. Hauswirth..... | 127 | 203 | 134 |
| Klunder..... | 109 | 100 | 139 |
| Ed. Hauswirth..... | 96 | 132 | 126 |
| Holden..... | 84 | 164 | 136 |
| Balluff..... | 174 | 164 | 176 |

| Player | 1st | 2d | 3d |
|--------------------|-----|-----|-----|
| Pruner..... | 142 | 135 | 138 |
| Ed. Winterson..... | 128 | 104 | 125 |
| Geo. Scott..... | 129 | 166 | 197 |
| E. Jones..... | 133 | 164 | 140 |
| Frank..... | 127 | 166 | 124 |

The standing of teams follows:

| | won | lost |
|----------------|-----|------|
| Lambros..... | 11 | 1 |
| Winterson..... | 7 | 5 |
| Hauswirth..... | 3 | 9 |
| Asmus..... | 3 | 9 |

LADIES.

| Player | 1st | 2d | 3d |
|---------------------------|-----|-----|----|
| Mrs. Asmus..... | 124 | 126 | 88 |
| Mrs. Winterson..... | 79 | 95 | 89 |
| Mrs. Lambros..... | 73 | 89 | 75 |
| Mrs. E. Hans..... | 41 | 48 | 29 |
| Mrs. Callas..... | 69 | 66 | 80 |
| Mrs. Scott..... | 92 | 91 | 65 |
| Mrs. P. J. Hauswirth..... | 88 | 112 | 84 |
| Miss Bricchetti..... | 62 | 58 | 51 |

At Boston.

Joseph Breck & Sons and W. W. Rawson & Company rolled the regular match game of the seed trade bowling league Monday, November 21, resulting in a whitewash for Rawson—Breck taking three straight. Wheaton still has the honors for high man for Breck and Perry for Rawson. While the scores were not very high, in some cases they were very close, some of the rolling being very evenly matched. The next match is to be rolled Monday evening, November 28, between Schlegel & Fottler Company and Jos. Breck & Sons. The scores:

JOSEPH BRECK & SONS.

| Player | 1st | 2d | 3d |
|----------------|-----|----|----|
| Elholm..... | 71 | 83 | 78 |
| Dacey..... | 77 | 76 | 55 |
| Wehber..... | 76 | 75 | 80 |
| Armstrong..... | 66 | 75 | 91 |
| Wheaton..... | 85 | 91 | 77 |

W. W. RAWSON & COMPANY.

| Player | 1st | 2d | 3d |
|-------------|-----|----|----|
| Taylor..... | 61 | 75 | 69 |
| Field..... | 63 | 66 | 68 |
| Warren..... | 67 | 59 | 64 |
| Cheney..... | 70 | 77 | 75 |
| Perry..... | 77 | 86 | 71 |

At New York.

Monday night was a gala night at the alleys of the Florists' bowling club, when a match was played with the Flatbush Florists' bowling club. The New York team won the match and afterwards entertained the visitors at a Thanksgiving supper served in the alleys. The bill of fare was extensive and thoroughly in accord with the season. Upward of thirty

sat down to the table, and the entertainment lasted until after midnight. The following were the scores, fully apologized for:

FLATBUSH.

| PLAYER. | 1st | 2d |
|-------------------|-----|-----|
| A. Geller..... | 141 | 121 |
| L. Schmutz..... | 113 | 170 |
| Wacker..... | 111 | 117 |
| W. Siebrecht..... | 140 | 151 |
| Fenrich..... | 130 | 148 |
| P. Reilly..... | 155 | 178 |
| Shaw..... | 102 | 101 |
| Total..... | 892 | 986 |

NEW YORK.

| PLAYER. | 1st | 2d |
|------------------|-----|------|
| Traendly..... | 105 | 158 |
| Kessler..... | 134 | 119 |
| W. Ford..... | 145 | 173 |
| Marshall..... | 146 | 135 |
| A. S. Burns..... | 133 | 141 |
| Theo. Lang..... | 170 | 168 |
| J. Manda..... | 156 | 140 |
| Total..... | 990 | 1024 |

At Oceanic, N. J.

The assistant gardeners challenged the head gardeners at bowling, November 17, and beat them two straight games. The score:

GARDENERS.

| Player | 1st | 2d |
|---------------------|-----|-----|
| N. Butterbach..... | 146 | 135 |
| H. A. Kettel..... | 98 | 118 |
| J. Yemans..... | 107 | 143 |
| A. Williams..... | 107 | 133 |
| G. H. Hale..... | 142 | 93 |
| James Kennedy..... | 196 | 151 |
| J. Dowlen..... | 81 | 103 |
| H. McCarren..... | 98 | 110 |
| G. Farley..... | 86 | 106 |
| G. Kubb..... | 122 | 120 |
| H. Longstreet..... | 81 | 115 |
| A. Strohmenger..... | 57 | 77 |
| W. Turner..... | 84 | 110 |
| W. W. Kennedy..... | 104 | 105 |

ASSISTANTS.

| Player | 1st | 2d |
|--------------------|-----|-----|
| Joe. Kennedy..... | 101 | 143 |
| Anderson..... | 112 | 134 |
| W. Ritchie..... | 120 | 157 |
| P. Mulvihill..... | 222 | 160 |
| P. Hicks..... | 91 | 97 |
| J. A. Kennedy..... | 160 | 161 |
| J. Jenkins..... | 120 | 129 |
| A. Kemp..... | 127 | 106 |
| R. Kennedy..... | 164 | 166 |
| H. Griffith..... | 122 | 89 |
| E. Barnes..... | 165 | 136 |
| J. Barron..... | 89 | 125 |
| I. Parker..... | 116 | 125 |
| E. Ernest..... | 147 | 86 |

Total..... 1856 1865
B.

LAWRENCE, MASS.—Alfred H. Wagland is to make an addition to his already large greenhouse plant at Whitman street on Broadway. The new house will be used for display purposes.

NORWICH, CONN.—John Moore now has his new greenhouses at 40 Fountain street open for inspection. Mr. Moore was the florist for the late David A. Wells for 24 years. His houses have all the latest improvements. One is 18x88 and the larger one 18x104.

Southern Wild Smilax

Choice stock, well packed, 50 lb. case, \$6.00, will cover about 600 square feet. 25 lb. case, \$3.25 will cover 300 square feet.

Galax Leaves Brilliant bronze or green, selected stock full count, \$1.00 per 1000; \$3.75 per 5000.

Leucothoe Sprays, green, 90c per 100; \$7.50 per 1000.

Sphagnum Moss, large bale, \$1.75; by freight \$2.00.

Green Sheet Moss, beautiful color, clean stock, \$2.50 per bbl. sack.

Immortelles, new crop, red, white, blue, purple, orange, pink, green or black, \$2.75 per doz. bun's.; yellow, \$2.25 per doz. bunches.

ALL KINDS OF FLORISTS' SUPPLIES.

Tel. 597 Madison Square. L. J. KRESHOVER,
110-112 W. 27th St., New York.
Please mention the American Florist when writing

A Daily Cut From 40 Growers

We can and will fill your Cut Flower wants to advantage.

Plenty of 'MUMS, BEAUTIES, MAIDS, BRIDES, etc. CARNATIONS, VIOLETS, etc. ALL GRADES.

Shipping orders our Specialty. Write, telephone or telegraph.

Long Distance Phone 1129 Main.

Headquarters for HARDY PERNS and WILD SMILAX.

Most Complete Line of
FLORISTS' SUPPLIES
IN THE WEST.

—CATALOGUE FREE.—

CHRISTMAS NOVELTIES OF ALL KINDS.

E. F. WINTERSON CO.

Established 1894.

45-47-49 Wabash Avenue, CHICAGO.

PETER REINBERG

51 Wabash Ave., CHICAGO.

Wholesale Cut Flowers

LARGEST GROWER
IN THE WORLD.

Price List.

AMERICAN BEAUTIES— Per doz.
36-inch stems..... \$5.00
24-inch stems..... 3.00
18-inch stems..... 2.00
12-inch stems..... 1.50
Short stems..... 1.00

Per 100
LIBERTY..... \$4.00 to 10.00
CHATENAY..... 4.00 to 10.00
" seconds..... 2.00 to 3.00
MAIDS AND BRIDES..... 5.00 to 8.00
" seconds..... 2.00 to 3.00
PERLE..... 4.00 to 6.00
GOLDEN GATES..... 5.00 to 8.00
CARNATIONS..... 1.50 to 4.00

All flowers are perfectly fresh and properly packed.
No charge for P. & D. on orders over \$5.00.

TEXAS MISTLETOE FOR CHRISTMAS DECORATION.

finest in the land. Heavy rich green foliage; fine large white berry. Keeps well for 60 days after cutting. Can ship in quantities from a crate to car lot. Large size crate sent to any address by express on receipt of \$1.00. Address,

WILLIAM ANDERSON,
Brownwood, Texas.

GALAX LEAVES AND
Leucothoe Sprays.

J. G. LOVEN, Montezuma, N. C.

The New Red Rose

RICHMOND

Every florist in the country will need some of this great forcing variety.

It is bright pure scarlet. Has long buds. On long straight stems. It is so near a pure tea that it never goes dormant in Winter. It is easy to propagate. Easy to grow. Likes a soil and temperature similar to those given to Bride and Maid. Is quite as free in bloom as Bride and Maid.

Was awarded the Silver cup for best new seedling rose at the World's Fair and Special Silver Cup at the Chicago Show for same.

PRICE: \$30.00 per 100; \$70.00 per 250; \$250.00 per 1000. (500 at 1000 rate.) April 1st delivery.

Rosalind Orr English.

Received Certificate at Chicago Show. An exquisite pink rose; the brightest tint possible. Has long full buds, on long stiff stems.

Very free in bloom and of the easiest management. Easy to propagate. Has beautiful foliage and is very effective when full blown. \$25.00 per 100. \$200.00 per 1000.

COME TO RICHMOND AND SEE THESE TWO GRAND NEW ROSES.

Carnations.

CARDINAL

A red variety that will delight every grower. It has COLOR TEXTURE, CONSTITUTION, HABIT, FREEDOM—All of the very best. Come and see it growing.

—ALSO—

FIANCEE

and

FRED BURKI

—All at \$12.00 per 100. \$100.00 per 1000.—

Chrysanthemums.

A Magnificent Collection of Novelties.

We Have Nine Certificates.

Awards by the C. S. A.

Our own seedling, commercial white DR. GALLOWAY. The early white, C. TOUSET, (Oct. 8.) The late white, JEANNIE NONIN, (Nov. 18). Winner of the Silver Cup and Sweepstakes at Chicago. The Two Commercial Yellows: REVEIL de BELGES, (Oct. 15) and

All at \$35.00 per 100. \$5.00 per dozen. 50c each. Also the

CALVAT SET. THE AUSTRALIANS and WELLS-POCKETT for 1905. THE MARQUIS OF PINS SET.

ROI d'ITALIE, (Oct. 22) and The 4 Grand Exhibition Sorts: MLE. ANNA DEBONO, SOUV. de CALVAT PERE, MME. EMILE LEMOINE, PREFET BONCOURT.

Beside BRUANT'S, ROZAIN'S and NONIN'S BEST. All at the same price as above except MRS. WM. DUCKHAM, which is held at 75c each; \$7.50 per dozen; \$50.00 per 100.

—WRITE FOR NEW LIST—

The E. G. HILL CO., Richmond, Ind.

B. & A. Specialties.

AZALEAS. CHRISTMAS BLOOMING.

Deutsche Perle (white) Prof. Wolters,
Simon Mardner (red) Ber. Andrea Alba,
Verveneana (pink) Schryveriana, Niebe,
Van der Cruysen. Emperor of Brazil,
Empress of India, Chicago, and others.

| | Per doz. | Per 100 |
|----------------------------|----------|---------|
| 10-12 inches diameter..... | \$ 4.00 | \$35.00 |
| 12-14 inches diameter..... | 6.00 | 45.00 |
| 14-15 inches diameter..... | 7.50 | 60.00 |
| 15-16 inches diameter..... | 9.00 | 75.00 |
| 16-18 inches diameter..... | 12.00 | 90.00 |
| 18-20 inches diameter..... | 25.00 | 200.00 |
| 20-24 inches diameter..... | 36.00 | 300.00 |

ACACIA ARMATA OR PARADOXA.

| | Per doz. |
|---------------------------------|----------|
| Pot-grower and well budded..... | |
| 18-24 inches..... | \$10.00 |
| 2-3 feet, extra fine..... | 12.50 |

Dutch, French, Japanese and Chinese Bulbs.

ASK FOR SURPLUS LIST.

See catalogue for Palms, Bay Trees, Evergreens, Shrubs, Ornamental Trees and other stock.

Jacs Smits, Ltd. NAARDEN (Holland.)

(BRANCH AT BOSKOP.)

Wholesale Growers of Hardy Fancy, Ornamental nursery stock, pot-grown forcing plants. Lilacs a specialty. Berlin and Hamburg Valley—the best quality. Catalogue free on demand.

When in Europe please inspect our nurseries. NAARDEN-BUSSUM, near Amsterdam, la oor R. R. Depot. Please mention the American Florist when writing.

PAEONIAS...

In six distinct named kinds, very low to the trade, in white blush, rose variegated, red and crimson. \$1.50 per doz., \$8.00 per 100; \$75.00 per 1000. 500 at 1000 rate.

PANSIES 50,000 strong, stocky plants in 7 distinct colors or mixed vars., \$3 per 1000; 2000 for \$5. Plant now for spring.

F. A. BALLER, Bloomington, Ill.

BAYS.

JULIUS ROEHRS,
RUTHERFORD, N. J.

NICKEL PLATE.

The New York, Chicago & St. Louis R.R.

NO
EXCESS
FARE
ON ANY
TRAIN

Three Express Trains East every day in this year. Pullman Drawing Room Sleeping Cars on all Trains. Trans-Continental Tourist Cars leave Chicago Tri-Weekly on Tuesdays and Sundays at 2:30 p. m., on Wednesdays at 10:35 a. m. Chicago to Boston without change. Modern Dining Cars serving meals on individual club plan, ranging in price from 35c to \$1.00; also service a la Carte. Coffees and Sandwiches, at popular prices, served to passengers in their seats by waiters. Direct line to Fort Wayne, Findlay, Cleveland, Erie, Buffalo, Rochester, Syracuse, Binghamton, Scranton, New York City, Boston and all points East. Rates always the lowest. Colored porters in uniform in attendance on all Coach Passengers. If you contemplate a trip East, call on any convenient Ticket Agent, or address J. C. JOHN Y. CALAHAN, Gen'l Agent, 113 Adams St., Chicago, Ill.

Canadian Holiday Excursions via the Wabash.

December 15, 16, 17 and 18, the Wabash Railroad will sell holiday excursion tickets from Chicago to Canadian points at one fare for the round trip, good to leave destination returning until Jan. 7, 1905, inclusive. Pullman sleepers and free reclining chair cars.

Write for time tables, rates and full particulars. Ticket office, 97 Adams St., Chicago, Ill.

ALWAYS MENTION THE.....

.....AMERICAN FLORIST

WHEN WRITING ADVERTISERS

| BOXWOOD, PYRAMIDAL. | | Each |
|------------------------------------------------------------------|------------|---------------|
| 15-18 inches..... | | \$.50 |
| 18-24 inches..... | | .75 |
| 2 feet..... | | 1.00 |
| 2 1/2 feet..... | Handsome | 1.50 |
| 3 feet..... | Specimens. | 2.00 |
| 3 1/2 feet..... | | 2.50 |
| 4 feet..... | | 3.50 |
| 5 feet..... | | 4.00 |
| 5-6 feet high, nicely shaped..... | per pair | \$10 to \$15. |
| For window boxes, bushy plants, 25c, 35c, 50c, 65c and 75c each. | | |

| CALLAS. | | Per 100 |
|-------------------------|--|---------|
| Fine blooming size..... | | \$1.50 |
| Selected size..... | | 6.50 |
| Mammoth size..... | | 8.50 |

SINGLE TUBEROUS ROOTED BECONIAS.

| | |
|----------------------------------|------|
| 5 colors separate, 1st size..... | 3.00 |
| 5 colors separate, 2d size..... | 2.00 |

POT-CROWN SHRUBS FOR FORCING.

The following are all handsome, bushy well grown plants, well budded, and will prove a profitable investment to any one. Plants are all 2 1/2 to 3 1/2 feet. Per doz.

Acer Negundo variegata.....\$6.50

Bobbink & Atkins, NURSEYMEN and FLORISTS.
RUTHERFORD, NEW JERSEY.

ROSES! ROSES!

A. ROBICHON FILS, Olivet, Orleans, France.

SPECIAL OFFER OF FIRST-CLASS STOCK AT
LOW PRICES FOR AUTUMN DELIVERY....

Over Half a Million Dwarfs (Grafted on Briar Stock; Novelties). 50,000 Dwarf-Budded, Standards, Etc., also Fruit Tree Stock.

Orders rapidly executed, and in rotation. 1904-5 Catalogue to be had Free on Application. Persons unknown to me will kindly send remittance with order.

Crimson Ramblers.

HOME-GROWN, OWN ROOTS.

Extra strong, two-year, 4 to 6 feet long, per 10.....\$1.65 per 100.....\$15.00
First size, two-year, 4 feet long, per 10.....1.50 per 100.....12.00

ARTHUR T. BODDINGTON, SEEDS, BULBS, PLANTS, NEW YORK.
342 West 14th St.,

Peonies....

A very select assortment; more than 150 choice varieties, containing the best standard kinds.

HARDY ORNAMENTAL NURSERY STOCK in great variety at low prices. Ask for Wholesale Trade List.

J. DYKHUIS & CO., BOSKOP, HOLLAND.
Please mention the American Florist when writing.

The Cottage Gardens Co.

(Incorporated.)

Queens, Long Island, New York.

Nursery Book, giving descriptions of nursery stock, peonies, etc., mailed upon application.

The Storrs & Harrison Co.

PAINESVILLE NURSERIES.

CATALOGUES AND PRICE LISTS

FREE ON APPLICATION.....

Painesville, Ohio.

Munson Nurseries.

New catalogue now ready. "Can't buy trees right without it." Get it of

T. V. MUNSON & SON, Denison, Tex.

The MUNSON GREENHOUSES. Cut flowers and Bedding Plants for retail trade.
WILL B. MUNSON, Denison, Tex.

Please mention the American Florist when writing.

| | |
|-------------------------------------------------------------------------|------|
| Azalea Mollie, 12-15 inches..... | 4.50 |
| " " 15-18 inches..... | 6.50 |
| Crataegus Pauli..... | 9.00 |
| Chorries, double flowering..... | 7.50 |
| Deutzia Gracilis..... | 2.00 |
| " " Lamcoul..... | 2.50 |
| Lilacs, Charles X. blue; Marie Legraye, white; Lemoine, dbl. white..... | 9.00 |
| Malus Floribunda..... | 9.00 |
| Staphylea Colchica..... | 6.00 |
| Viburnum Opulus..... | 6.00 |
| " " Pilcatum..... | 6.00 |
| Wegelia, Eva Rathke..... | 7.50 |

STANDARDS.

| | |
|-------------------------|-------|
| Lilacs, in variety..... | 12.00 |
| Viburnum Opulus..... | 12.00 |
| Wistaria..... | 15.00 |

PAEONIAS.

| | Per doz. | Per 100 |
|-----------------------------|----------|---------|
| Officialis rubra plena..... | \$1.00 | \$8.00 |
| " alba..... | 2.00 | 15.00 |
| " rosea..... | 1.50 | 12.00 |

Chinensis, 50 in 50 varieties, \$15.00 per collection. White, red, pink; good named varieties in equal quantities, \$8.00 per 100.

Paeonia Arborea (Tree Peony) in variety, \$9.00 and \$12.00 per 12.

NURSEYMEN and FLORISTS.

Free on Board (f.o.b.) ST. Louis

ARID-CLIMATE

Rose Bushes

FIELD-GROWN. OWN ROOTS.

Write for printed prices and list of varieties. Choice assortment leading kinds. Spring shipments only.

CHASE ROSE CO.

(Incorporated.)

RIVERSIDE, CALIFORNIA.

California Privet.

| | Packing Tree. | Per 100 | 1000 |
|---------------------------------------|---------------|---------|---------|
| 50,000 3 years, 2 1/2 to 3 feet..... | | \$3.00 | \$28.00 |
| 50,000 2 years, 3 to 4 feet..... | | 2.75 | 25.00 |
| 200,000 2 years, 2 to 3 feet..... | | 2.25 | 20.00 |
| 200,000 2 years, 20 to 24 inches..... | | 2.00 | 15.00 |
| 50,000 2 years, 15 to 20 inches..... | | 1.75 | 12.00 |
| 400,000 1 year, 12 to 18 inches..... | | 1.00 | 8.00 |
| Cuttings, Feb. and March, 8 in. | | | .75 |

J. H. O'HAGAN, Little Silver, N. J.
RIVER VIEW NURSERIES,

LATROBE, PA.—Smith & Van Aart, formerly of Pittsburg, are building a plant and will go into the nursery and florist lines.

HOLLY and GREEN

Vaughan's
XXX
HOLLY.

We maintain the highest grade Holly Branches in the market. Every case personally inspected by our own agent who has been 16 years in our services; men who gather and pick our Holly are equally well experienced. While other shippers sometimes handle as choice Holly as Vaughan's XXX Brand, yet ours has averaged **THE BEST** one year with another. Our prices are sometimes 50 to 75 cents higher than common stock. Our values are more than **DOUBLE**.

Per case, \$5.00. For larger lots write. Burlap lined for Pacific Coast Shipment, 50 cents extra.

MISTLETOE. We expect to have as usual a choice stock of this for delivery about December 15th. Orders should be placed at once. Extra quality per lb., 25c; 10 lbs., \$2.25; 25 lbs., \$5.00.

VAUGHAN'S
DEEP WOODS
BOUQUET GREEN

Our contracts this year cover as they did last, the bulk of the best stock of Bouquet Green in this country. We not only filled all the advance orders booked with us but we delivered bulk green to the trade all of the months of November and Decem-

ber 1903, a record held by us alone.

WRITE OR WIRE US for prices whenever you are ready to buy. Prices are quoted by mail for prompt acceptance, and customers are especially desired to ask us for net prices just when ready to buy as values on this fluctuate greatly and almost daily. We keep in close touch with the market and supply at right prices.

We quote today, Nov. 26, per 100 lbs. \$5.00.

Evergreen Wreathing Beginning about November 20, we carry two grades regularly in stock in large lots, and will make closest prices in 20-yard coils, per 100 yards, \$2.75 to \$4.50.

OUR SPECIAL HOLIDAY CIRCULAR WILL PAY YOU.

VAUGHAN'S SEED STORE,

84-86 Randolph St., CHICAGO.

14 Barclay St., NEW YORK.

Greenhouses and Nurseries, Western Springs, Ill.

Auction! Auction!

BY order of the United States District Court for the Northern District of Illinois we will on Monday, November 28, 1904, at 10:30 o'clock A. M., at the premises 1814 Belmont Avenue sell at public auction the contents of the Conservatories and Greenhouses, consisting of rare plants, 300 choice Orchids, Decorative Plants, Store Plants, Palms, Ferns, etc., which have been collected by Wm. H. Chadwick with great care for years.

All of the above will be sold in lots to the highest bidder for cash. A deposit of 25 per cent will be required from each purchaser. Positively no checks accepted unless certified.

HENRY W. LEMAN, Trustee.

A. R. GATES, Attorney for Samuel L. Winternitz & Co., Auctioneers.

FRED BURKI

IS THE IDEAL

Commercial White Carnation

Its freedom of bloom, coupled with its other meritorious qualities, will commend it to the most conservative growers. You will make no mistake by growing Fred Burki.

\$12 per 100; \$100 per 1000. 250 at 1000 rates.

—WRITE FOR DESCRIPTIVE CIRCULAR.—

JOHN MURCHIE,
Sharon, Pa.

S. S. SKIDELSKY,
824 No. 24th St., Philadelphia.

Bargains for November.

ASPARAGUS PLUMOSUS NANUS.

Extra Strong Seedlings will make 2-inch stock in 4 weeks, special price per 100 by mail, \$1.50; per flat of 1000, \$14.00. Per 100 Per 1000
 Strong 2-inch pots.....\$2.00 \$18.00
 Strong 2½-inch pots.....4.00 25.00
Asparagus Sprengeri, 2½-inch pots.....3.00 25.00
Asparagus Comorlense, 2-inch pots.....3.00 25.00
Cinerarias, best mixed 2½-inch pots.....4.00 30.00

Celestial or Christmas Peppers. Will make fine plants for Thanksgiving.

Strong 5-inch pot plants full of green fruit....doz., \$2.00; per 100, \$15.00.
 Strong 6-inch pot plants full of green fruit....doz., 4.00; per 100, 30.00.
Carnations, large field plants. Indianapolis, per 100, \$8.00; Mrs. Patten, 100, \$8.00.

Dahlias, 5 Grand New Sorts, undivided field roots, per doz., \$3.00. Katherine Duer, Kriemhilde, Progenitor, Rakete, 20th Century. 25 dahlias all oaw, one of each kind, own selection, field roots for \$5.00. Per doz. Per 100

Ficus Elastica, 5-in. pots, perfect plants, 18 to 20 inches.....\$4.25 \$35.00
 6-inch pots, perfect plants, 20 to 24 inches.....6.00 50.00

Primula Buttercup, strong 3-inch.....1.50 10.00
Primula Chionensis, Assorted, strong 2½-inch.....3.00

Ferns, Assorted, 2-inch for fern dishes, per 100, \$3.50; per 1000, \$30.00.

Also a large stock of **Araucarias** and **Palms** in all kinds and sizes. Write for our special Palm List.

Boston Ferns.

NEPHROLEPIS EXALTATA BOSTONIENSIS.

We have the finest stock in the West. All our plants are pot-grown bushy stock, well furnished with fronds from the pot up, and cannot be compared with the cheap, long-drawn-up, lifted stock from the bench. A sample shipment will convince you of our superior stock. LET US SHIP YOU NOW.

| 2½-inch pot plants..... | Each | Per doz. | Per 100 |
|-------------------------|--------|----------|---------|
| 3 " " "..... | \$.50 | \$ 4.00 | |
| 4 " " "..... | 1.00 | 8.00 | |
| 5 " " "..... | 2.50 | 20.00 | |
| 6 " pans "..... | .50 | 5.00 | 40.00 |
| 7 " " "..... | .75 | 7.00 | 50.00 |
| 8 " " "..... | 1.00 | 9.00 | 65.00 |
| | 1.50 | 15.00 | |

THE NEW FERN

Nephrolepis Scottii.

We have a large stock of this new fern; well-grown pot plants.

| | Per doz. | Per 100 | | Per doz. | Per 100 |
|------------------|----------|---------|------------------|----------|----------|
| 4-inch pots..... | \$5.00 | \$40.00 | 6-inch pots..... | \$15.00 | \$100.00 |
| 5-inch pots..... | 8.00 | 60.00 | 7-inch..... | 18.00 | |

CHICAGO, VAUGHAN'S GREENHOUSES, Western Springs, Ill.

The KING of all Carnations.

THE NEW....
 SCARLET SEEDLING

ROBERT CRAIG

The largest, strongest stemmed, most vigorous, healthiest growing, most fragrant, and the best FANCY COMMERCIAL SCARLET CARNATION produced to date. Ranks with Enchantress and Fiancee, having defeated the latter variety in all competitions in Philadelphia.

THE IDEAL CHRISTMAS CARNATION. AN ENORMOUS BLOOM just the color of the Christmas Holly Berry. An easy doer. Anybody can grow it. Having already orders for 100,000 cuttings for delivery season of 1906, we are still booking orders subject to buyer's cancellation if dissatisfied with variety at any time up to December 1st, 1905.

PRICES \$2.50 per dozen; \$12.00 per 100; \$100.00 per 1000.
 2,500 lots at \$95.00 per 1000. 5,000 lots at \$90.00 per 1000. 10,000 lots or more at \$80.00 per 1000.

SEND YOUR ORDERS EARLY TO

C. W. WARD, ORIGINATOR,
QUEENS, N. Y.

COTTAGE GARDENS COMPANY nc.

ROBERT CRAIG (WARD)

has been awarded the following honors :

PRELIMINARY CERTIFICATE.

American Carnation Society.

SPECIAL DIPLOMA.

American Institute of New York.

FIRST CLASS CERTIFICATE OF MERIT.

Mass. Horticultural Society.

FIRST CLASS CERTIFICATE OF MERIT.

Penn. Horticultural Society.

FIRST CLASS CERTIFICATE OF MERIT.

New York Florists' Club.

CRAIG CUP, for best undisseeded seedling.

Philadelphia.

G. HARTMAN KUHN, SPECIAL PRIZE, for

best undisseeded seedling.

Philadelphia.

CARNATIONS

Fancies and all Grades.

Best on the Market.

Our Stock was Never Better.

Surpassing Beauties

Chrysanthemums

Valley, Everything.

FOR QUICK SERVICE—FOR A1 STOCK—TRY

A. L. RANDALL CO.

19 Randolph Street,

CHICAGO, ILL.

CARNATION PLANTS.

All sold except 1000 Flora Hill, 200 Morning Glory, 50 Gomez. \$3.50 per 100; \$30.00 per 1000 as long as they last. They are fine stock.

W. H. WATSON, Lapeer, Mich.

Please mention the American Florist when writing.

Wm. P. Craig, 1224 Cherry St., Philadelphia, Pa.

Representing Joseph Heacock and John Burton, Assignee.

PALMS, FERNS, EROTONS and DECORATIVE PLANTS.

—EARLY NEW—

ROSE CUTTINGS.

Of very best wood, following varieties: La Detroit, Geo. MacArthur, Pres. Carnot, Belle Siebrecht, Perle, La France, Bride, Bridesmaid and Wootton. Write

GEO. A. KUHL, Pekin, Ill.

POTTED Carnations

Plant them after Chrysanthemums.

Wm. Scott, Queen Louise, Crocker, Lorna, White Cloud, G. M. Bradt and other varieties. Send for list.

Price, \$5.00 per 100.

J. L. DILLON, Bloomsburg, Pa.

Successful Growers are Wanted

To know that they can dispose of all their surplus stock by advertising in the American Florist. TRY IT NOW.

Chrysanthemum Novelties.

We offer the following varieties for 1905. They were among the finest flowers in the Wells Gold Medal Exhibit and were in all the **first prize stands** in the special classes. Mrs. W. Duckham won the **C. S. A. Silver Cup**; a grand yellow.

EMILY MILEHAM
Mrs. D. V. WEST
WHITE COOMBES
Mrs. W. HIGGIN

All
White

Mrs. H. A. ALLEN

Valerie Greenham

DORA STEVENS

Pinks

MERSTHAM YELLOW

J. H. DOYLE and J. A. MILLER, Terra Cotta Red.

We are in a position to quote these and all other high-class novelties in any quantity and guarantee stock true to name and A1 in every respect. Young plants will be delivered early in the New Year. Send for illustrated catalogue and price list.

Chas. H. Totty,

MADISON, N. J.

Please mention the American Florist when writing.

NOW IS THE TIME TO SOW

Vaughan's Giant-Flowered Cyclamen Seed.



Our seed has been grown by us by a Cyclamen specialist in Europe. This is the third season we are handling his entire crop. The seed is saved only from perfect plants. Shape and size of flowers, foliage and stems and general habit are points on which our seeds are selected. There is no better Cyclamen seed in the market.

| | |
|-------------------------------------------|-----------------------|
| Pure White (Mont Blanc)..... | 100 seeds, 65c; |
| Dark Crimson..... | 1000 seeds, \$5.00. |
| Rosa von Marienthal, "Daybreak" Pink..... | 250 seeds at the 1000 |
| Dark Rose..... | rate. |
| White with carmine eye..... | |

RURIN, new, the darkest good red, 100 seeds, \$1.50
WHITE FRINGED, very fine flower, 100 seeds, \$1.00.
EXTRA CHOICE MIXED, per 100 seeds, 50c; 250 seeds, \$1.15; 1000 seeds, \$4.50; 5000 seeds, \$20.00.

NEW GIANT ORCHID—Flowered Cyclamen.

These are exceptionally fine, with very large flowers that are frilled and fringed in wonderful fashion. They are splendid sellers in the Chicago market and our seed is direct from the originator.

| | |
|------------------------------------------|------------------------------|
| Pure White, Red, Pink..... | Each, per 100 seeds, \$1.00; |
| White, with Carmine Eye, Lilac Colored } | 1000 seeds, \$9.00. |

GIANT ORCHID-FLOWERED CYCLAMEN in choicest mixture, 25 seeds, 25c; 100 seeds, 85c; 1000 seeds, \$8.00.

10 PER CENT SPECIAL CASH DISCOUNT. On orders over \$2.00 the cash is enclosed. **10 per cent.** This discount does **not** apply to Asparagus Seed. Cash discount on this is 2 per cent.

VAUGHAN'S SEED STORE,

NEW YORK:

14 Barclay Street.

CHICAGO:

84-86 Randolph Street.

GREENHOUSES: WESTERN SPRINGS, ILL.

Please mention the American Florist when writing.

Oceanic, N. J.

At the Monmouth County Horticultural Society's meeting November 18, all the prize money was ordered paid, and there was a surplus of more than \$100 from the receipts of the show. The discussion of the evening was "San Jose Scale." Mr. Hale stated that he tried soda, salt and sulphur, also caustic soda and paris green without any effect. Others stated that the lime, salt and sulphur application damaged the trees and did not kill the scale on apple and pear trees. Mr. Turner said that he sprayed his pear trees in pots with the latter solution and there was no scale left. Mr. Hale sprayed his trees with crude oil (insecticide oil) and his trees are clean now. But the members came to the conclusion that no orchard can be kept clean while the next orchard is neglected, and that the matter of compulsory spraying should be agitated.

At our next meeting, December 2, the discussion will be "Rose Culture under Glass."

B.

Carnation Plants.

Fine Large and Healthy Field-Grown Plants. Extra Good. \$5.00 per 100; \$45.00 per 1000.

Terms cash at these prices.

1,000 Scott, 500 Glacier,
500 Flora Hill, 500 Morning Glory.
500 Marquis. If sold alone \$6.00 per 100.
600 Crane,

J. C. RENNISON, Sioux City, Ia.

Please mention the American Florist when writing.

Chrysanthemum Stock Plants

Opah and Polly Rose..... 5c each
Monrovia, Alice Byron, C. S. Saller, 10c each;
\$1.00 per doz.

Cheltoni, Wm. Duckham, Dr. Enguehard
15c each, \$1.50 per doz.

LARCHMONT NURSERIES
LARCHMONT, N. Y.

Please mention the American Florist when writing.

Chrysanthemum STOCK PLANTS.

WM. DUCKHAM, 8 to 10 live shoots, \$2.00 per doz.
Grown by Fritz Bahr, Highland Park, Ill.

Send Orders to

E. F. Winterson Co.
45-47-49 Wabash Ave.,
CHICAGO.

Please mention the American Florist when writing.

Chrysanthemums.

Stock plants now ready. Large strong and healthy. Glory of Pacific, Polly Rose, Willow brook, Ivory, Pink Ivory, \$1.00 per doz.; \$6.00 per 100. Monrovia, Robt. Halliday, \$1.00 per doz.; \$7.00 per 100.

Engagements solicited for rooted Carnation Cuttings. Delivery January 1st and later.

H. WEBER & SONS, Oakland, Md.

250,000

Rooted Carnation Cuttings.

ORDERS FILLED PROMPTLY ON ARRIVAL.

| PINK. | Per doz. | 100 | 1000 |
|----------------------------|----------|--------|---------|
| Enchantress, light..... | 60c | \$3.50 | \$30.00 |
| Marquis, light..... | 20c | 1.00 | 10.00 |
| Lawson, dark..... | 30c | 1.40 | 12.50 |
| Genevieve Lord, light..... | 20c | 1.00 | 10.00 |
| Joost, cerise..... | 20c | 1.00 | 10.00 |
| Success, light..... | 20c | 1.00 | 10.00 |
| Mermaid, light..... | 20c | 1.00 | 10.00 |
| Cressbrook..... | 20c | 1.00 | 10.00 |

WHITE.

| | | | |
|-------------------|-----|------|-------|
| Flora Hill..... | 20c | 1.00 | 10.00 |
| Queen Louise..... | 20c | 1.00 | 10.00 |
| Wolcott..... | 20c | 1.00 | 10.00 |
| Alba..... | 25c | 1.50 | 15.00 |
| Norway..... | 20c | 1.00 | 10.00 |

SCARLET.

| | | | |
|------------------|-----|------|-------|
| G. H. Crane..... | 20c | 1.00 | 10.00 |
| America..... | 20c | 1.00 | 8.00 |

CRIMSON.

| | | | |
|------------------------|-----|------|-------|
| Gov. Roosevelt..... | 25c | 1.50 | 15.00 |
| Harlowarden..... | 25c | 1.20 | 12.50 |
| Gen. Gomez, light..... | 20c | 1.00 | 10.00 |

YELLOW.

| | | | |
|---------------|-----|------|-------|
| Eldorado..... | 20c | 1.00 | 10.00 |
|---------------|-----|------|-------|

VARIEGATED.

| | | | |
|----------------------------|------|------|-------|
| Prosperity, fancy..... | 25c | 1.40 | 12.50 |
| Violania, still ahead..... | 1.50 | 5.50 | 50.00 |
| Marshall Field..... | 25c | 1.40 | 12.50 |
| Armazindy..... | 20c | 1.00 | 8.00 |

ASPARAGUS PLUMOSUS NANUS.

3½-inchper 100, \$3.50; per 1000, \$30.00 New Crop Seed, per 1000.....\$5.00

Cash or C. O. D., with Privilege of Examining.

Western Carnation Company
ROCKLIN, CAL.

Rooted CARNATION CUTTINGS

NOW READY

THESE LOW PRICES GOOD ONLY UP TO DECEMBER 25th....

| WHITE. | Per 100 | 1000 |
|-------------------|---------|---------|
| Queen Louise..... | \$1.00 | \$10.00 |
| Flora Hill..... | 1.00 | 10.00 |
| Alba..... | 1.40 | 12.50 |
| Gov. Wolcott..... | 1.00 | 10.00 |
| Norway..... | 1.00 | 10.00 |
| Lillian Pond..... | 1.40 | 12.50 |
| Chicot..... | 1.20 | 10.00 |

PINK.

| | | |
|---------------------------|------|-------|
| Mrs. Thos. Lawson..... | 1.40 | 12.50 |
| Enchantress..... | 4.00 | 35.00 |
| Mrs. Joost..... | 1.00 | 10.00 |
| Success..... | 1.00 | 10.00 |
| Mermaid..... | 1.00 | 10.00 |
| Cressbrook..... | 1.00 | 10.00 |
| Pres. McKinley..... | 1.40 | 12.50 |
| Mrs. Theo. Roosevelt..... | 1.40 | 12.50 |

SCARLET.

| | | |
|------------------|------|-------|
| G. H. Crane..... | 1.00 | 10.00 |
|------------------|------|-------|

Special prices on large lots. Unrooted pips at half price of above. 25 at 100; 250 at 1000 rates. Express prepaid at above prices. Cash or C. O. D. with privilege of examining.

SCARLET.

| | Per 100 | 1000 |
|--------------------|---------|-------|
| America..... | 1.00 | 10.00 |
| Potter Palmer..... | 1.00 | 10.00 |
| Estelle..... | 1.40 | 12.50 |
| J. H. Manley..... | 1.50 | 15.00 |
| Apollo..... | 1.50 | 15.00 |

CRIMSON.

| | | |
|---------------------|------|-------|
| Harlowarden..... | 1.40 | 12.50 |
| Gov. Roosevelt..... | 1.20 | 10.00 |

YELLOW.

| | | |
|--------------------|------|-------|
| Golden Beauty..... | 1.40 | 12.50 |
| Eldorado..... | 1.00 | 10.00 |

VARIEGATED.

| | | |
|---------------------|------|-------|
| Prosperity..... | 1.40 | 12.50 |
| Marshall Field..... | 1.40 | 12.50 |
| Stella..... | 1.40 | 12.50 |
| Armazindy..... | 1.00 | 10.00 |
| Viola Allen..... | 1.20 | 11.00 |
| Gaiety..... | 1.20 | 11.00 |

LOOMIS FLORAL COMPANY, Loomis, Cal.



Richmond Gem.

The finest commercial scarlet ever introduced. Place your order early. Send for circular.

Price, \$10.00 per 100;
\$75.00 per 1000.

B. K. & B.
Floral Co.
RICHMOND, IND.

New Crimson Red Canna

Did you see exhibited at St. Louis
the New Crimson Red Canna

MRS. WM. F. KASTING?

Height, 3½ feet. Most brilliant in color, most prolific of all Red Cannas. Blooms all the time, and is exceptionally fine for conservatory decorations. You will need it in your business.

Awarded on its merits, a Gold Medal at the World's Fair, 1904.

MR. WM. F. KASTING,

WEST SENECA, N. Y., U. S. A., Sept. 15, 1904.

DEAR SIR:—In our trial grounds this year, the Canna Mrs. Wm. F. Kasting, was by far the best of its class, both in richness of coloring and in freedom of bloom. It has been a sheet of dazzling crimson from June up to the present time and promises to be good for a month to come. I consider it a most valuable acquisition, and shall need a large bed of it next year. Respectfully,

JOHN F. COWELL.

PRICES for bulbs, to be delivered after December 1, 1904.
\$1.00 each. \$9.00 per dozen.
\$50.00 per hundred. Stock limited.

Wm. F. KASTING, 383-387 Ellicott Street,
BUFFALO, N. Y.

**GOLD
MEDAL
CANNAS
AT
ST.
LOUIS.**

Cannas.

A large quantity of **named Cannas**, best varieties, fine clumps with 15 to 25 eyes as grown by us in the World's Fair Grounds, St. Louis, are to be disposed of.

To be shipped direct from St. Louis. Write for prices to

**VAUGHAN'S SEED STORE,
CHICAGO.**

**GOLD
MEDAL
CANNAS
AT
ST.
LOUIS.**

Field-Grown

Carnations

It Has Been a Good Growing Season
With Us and Plants are in Fine
Shape, Strong and Bushy.

| WHITE. | Per 100 | 1000 |
|-------------------|---------|-------|
| FLORA HILL..... | 3.50 | 30.00 |
| Peru..... | 3.50 | 30.00 |
| Queen Louise..... | 3.50 | 30.00 |

| PINK. | | |
|------------------------|--------|---------|
| Mrs. T. W. Lawson..... | \$6.00 | \$50.00 |
| Mrs. Nelson..... | 3.50 | 30.00 |
| Mrs. Higginbotham..... | 3.50 | 30.00 |
| Guardian Angel..... | 3.50 | 30.00 |
| McKinley..... | 3.50 | 30.00 |

| RED. | | |
|------------------|------|-------|
| Chicago..... | 3.50 | 30.00 |
| Mrs. Ine..... | 3.50 | 30.00 |
| Estelle..... | 6.00 | 50.00 |
| Harlowarden..... | 4.50 | 40.00 |

| VARIEGATED. | | |
|-----------------|------|-------|
| Mrs. Bradt..... | 3.50 | 30.00 |

All Stock sold under express condition
that if not satisfactory it is to be returned
immediately, when money will be refunded.

PETER REINBERG,
51 Wabash Ave., CHICAGO.

Please mention the American Florist when writing.

Palmer's

**Red
Lawson**

NOW READY!

SPORT FROM THE FAMOUS
MRS. THOMAS LAWSON

Planted May 18th, in full crop middle of August

ROOTED CUTTINGS:

\$10.00 per 100
\$40.00 per 500
\$75.00 per 1000

Ask your *Brother Florist* if he saw it
at the Detroit Carnation Show. Ten to
one he will say it's a good carnation to
grow. Received **CERTIFICATE OF MERIT**
at Detroit Carnation Show—scoring 87 pts.

W. J. Palmer & Son
Lancaster, N. Y.

TO CLOSE'OUT. Field-Grown Carnation Plants.

We offer the following at \$40.00 per 1000. Guaranteed all first size plants:

6000 LAWSON. 1000 GOV. WOLCOTT,
1000 MORNING GLORY, 1000 WHITE CLOUD.

WILL BE SHIPPED FROM HINSDALE.

BASSETT & WASHBURN, Chicago.

Store: 76-78 Wabash Ave., Chicago.

Greenhouses: HINSDALE, ILL.

Somergem, November 15th, 1904.

Notice to the trade:

The partnership heretofore existing between the undersigned having expired by limitation, the firm of

HAERENS BROTHERS

is now dissolved by mutual consent. August Haerens will attend to the liquidation of the old firm's business. Respectfully,

August Haerens.

Henri Haerens.

Referring to the above notice, the undersigned begs to inform the trade that he has bought the entire Nurseries, and will continue the business of growing Azalea Indica, Exotic Palms, Araucarias, Ficus, etc., henceforth for his sole account, under the firm name of

AUGUST HAERENS.

August Rolker & Sons, of 31 Barclay Street, New York, remain as in the past his Sole American Agents.

Carnation Rooted Cuttings.

| NOW READY. | | Per 100 | 1000 |
|-------------------------------------|--|---------|---------|
| QUEEN LOUISE, fine white..... | | \$1.20 | \$10.00 |
| ALBA, large white..... | | 1.40 | 12.50 |
| AMERICA, red..... | | 1.00 | 10.00 |
| MRS. POTTER PALMER, big scarlet.... | | 1.20 | 10.00 |
| G. H. CRANE, scarlet..... | | 1.20 | 10.00 |
| ELDORADO, yellow..... | | 1.20 | 10.00 |
| MARSHALL FIELD, barred..... | | 1.40 | 12.00 |
| ARMANDINOY, barred..... | | 1.00 | 10.00 |
| MRS. JOOST, pink..... | | 1.20 | 10.00 |
| LAWSON, pink..... | | 1.40 | 12.50 |
| PRES. MCKINLEY, pink..... | | 1.40 | 12.50 |
| SUCCESS, light pink..... | | 1.20 | 10.00 |
| HARLOWARDEN, crimson..... | | 1.40 | 12.50 |
| GOV. ROOSEVELT, crimson..... | | 1.20 | 10.00 |

UNROOTED CUTTINGS HALF PRICE.

TERMS: Cash with order or C. O. D. with privilege of examination. Express prepaid at above prices. All plants warranted true to name and well-rooted.

HERMITAGE CARNATION CO., Loomis, Cal.

Please mention the American Florist when writing.

RED SPORT

(OF MACEO)

THE NEW "BREAD AND BUTTER" COMMERCIAL RED CARNATION.

If you are interested in a brilliant "Crane" red that there is money in, read our half page adv., page 705 AMERICAN FLORIST.

A. B. DAVIS & SON, Carnation Specialists, PURCELLVILLE, VA.

Please mention the American Florist when writing.

CHRYSANTHEMUM

STOCK PLANTS.

WM. DUCKHAM, pink, \$10.00 per 100.

CHICAGO CARNATION CO., JOLIET, ILL.

CHRYSANTHEMUMS...

STOCK PLANTS OF Duckham, Balfour, Holiday, White and Yellow Bonnaillon, Minnie Bailey, Eaton, Pacific, Kalb, Whilldin. A large stock of Ivory. Write for prices.

WM. SWAYNE,

Box 226, KENNETT SQUARE, PA.

Wm. Duckham

THE ONLY PINK 'MUM. Immediate delivery, 15c each; \$1.50 per doz.

Emil Glauber,

Montclair, Colo.

New Carnation WM. PENN

A very pleasing shade of pink, the best bloomer I ever saw and a good healthy grower. Every grower of carnations should plant this variety. Send for descriptive list.

Price per 100, \$10.00. Per 25, \$2.50. Price per 1000, \$75.00. Per 250, \$18.75.

CARNATIONS. ROOTED CUTTINGS.

| Per 100 | | 1000 | Per 100 | | 1000 |
|---------------------|--------|---------|--------------------|--------|---------|
| Queen Louise..... | \$1.25 | \$10.00 | Harry Penn..... | \$1.50 | \$12.50 |
| Lillian Pond..... | 1.50 | 12.50 | Euchantress..... | 2.50 | 20.00 |
| Mrs. Nelson..... | 2.00 | 15.00 | Nelson Fisher..... | 5.00 | 40.00 |
| Floriana..... | 1.50 | 12.50 | M. A. Patten..... | 5.00 | 40.00 |
| Mrs. Roosevelt..... | 1.50 | 12.50 | Crusader..... | 5.00 | 40.00 |

SEND FOR LIST

ALBERT M. HERR,

Lancaster, Pa.

If You Want the **BEST** Commercial **SCARLET** Carnation Buy**...CRISIS...**

Cuttings ready January, 1904. \$2.00 per doz.; \$12.00 per 100; \$100.00 per 1000; \$95.00 per 1000 in 5,000 lots. Prices on larger quantities on application.

DAVIS BROS. CO.,

BLOOMSBURG, PA.

CHRYSANTHEMUM STOCK PLANTS

Should now receive proper care for future returns

Smith's Chrysanthemum Manual

Tells you what to do in a brief, comprehensive, yet complete manner. It assists you to the successful culture of the Chrysanthemum from stock plant to exhibition bloom.

—ALL FOR 25 CENTS, POSTPAID.—

NATHAN SMITH & SON,

Adrian, Mich.

OUR DIRECTORY FOR 1904 WILL BE MAILED TO YOU

PROMPTLY UPON APPLICATION. PRICE TWO DOLLARS.

DON'T WASTE

Printed Matter and Postage.



THE American Florist Company's Directory saves many times its price to every one who catalogues or circularizes even a small part of the trade. Fully revised to date of publication, it puts the mail only to live names, avoiding waste of postage and printed matter, time and labor.

Contains 412 pages, lists of Florists, Seedsmen and Nurserymen of the United States and Canada by states and towns, also alphabetically; firms that issue catalogues, foreign merchants, horticultural societies and much other up-to-date information which makes it a reference book of daily utility wherever a wholesale trade is done.

Sent postpaid at \$2.00 a copy by the publishers.



AMERICAN FLORIST CO.
324 Dearborn St.
CHICAGO, - ILLINOIS.

St. Paul.

Trade is now at its best for this season. There has been a good call for all kinds of flowers, but good stock is scarce. There are very few chrysanthemums left and not many of the inferior grades. Roses are not as good as we should like them; hardly any fancy ones are to be seen. Carnations are the only flowers that seem to be up to the quality expected at this season, but a good many of these are shipped in. Violets, which were very plentiful two weeks ago, are now in big demand and not enough for the call.

Some talk is heard of a chrysanthemum show for next year, though those having our former shows in charge do not seem to have much to say about it. The chances are good, though, as we will have one or two halls next year which will be as fine as could be desired for this purpose, and the lack of which handicapped us last year and cut the show out altogether this year. A plan of alternating it between Minneapolis and St. Paul has been received favorably.

L. L. May and Holm & Olson are cutting fine poinsettias. They are a little soft yet, though, and some trouble is experienced in keeping them from wilting.

The weather has been the finest for many years, with lots of sunshine and and very little cold weather, not enough frost to harden the ground even.

Country orders are coming in well, and every day sees lots of shipments going out.

W. G. Schucht, Milwaukee, was calling on the trade again last week.

Henry Krinke is quite ill at his home.

O.

Palms and Asparagus Cheap.

| | Per 100 |
|-----------------------------------------------------|---------|
| <i>Latania Bor.</i> , 2-in. pot, seed leaves.. | \$3.00 |
| " " 8-in. pot, 15-18 in., 2-3 chr. lvs. | 12.00 |
| " " 5-in. pot, 18-20 in., 3-4 chr. lvs. | 15.00 |
| " " 5-in. pot, 20-24 in., 4 chr. lvs. | 20.00 |
| <i>Kentia Bel.</i> , 2½-in. pot, 6-8 in., 2 leaves. | 10.00 |
| " " 3-in. pot, 8-10 in., 3-4 leaves. | 18.50 |
| " " 4-in. pot, 12-15 in., 4-5 leaves. | 16.00 |
| <i>Asparagus Sprengeri</i> , 2-inch..... | \$2.00 |
| <i>Asparagus Plumosus Nanus</i> , 2-inch..... | 2.50 |
| " " 3-inch..... | 5.00 |

SHERMAN NURSERY CO., CHARLES CITY, IA.

Please mention the American Florist when writing.

Don't Wait

until you need cuttings. Order now; then you will have them when you want them.

GERANIUMS, IVY GERANIUMS, FUCHSIAS, DOUBLE PETUNIAS, HELIOTROPE and Bedding Plants in general, \$6.00 per 1000.

Express prepaid on all orders received on or before December 15, 1934. Thirty varieties of Carnation cuttings. Prices on application. Also Dahlies, Cannas and Cella Bulbs.

CALIFORNIA PRODUCT COMPANY,

55 Ellis Street, SAN FRANCISCO, CAL.

EVERYTHING IN THE MARKET BUT

Bath, Me.

We use your Fumigating Powder and we are never troubled with aphids; it does not harm the blooms in the least, and we find it the cheapest way to fumigate and we have tried everything that is on the market.

J. N. O. H. RAMSEY & CO.
See page 759.

Adiantum Cuneatum

From 2-inch pots, fine healthy plants, ready to shift, \$3.00 per 100; \$25.00 per 1000.

Just ready to plant out for cutting this winter.

THE GEO. WITTBOLD CO.,

1657-1659 Buckingham Place,
CHICAGO, ILL.

BEGONIA

Gloire de Lorraine.

Fine healthy cool Grown stock.

2-in. stock, 10c each 5-in. stock, 75c each
3-in. stock, 20c each 6-in. stock, \$1.00 each
4-in. stock, 40c each 7-in. stock, 2.00 each

Poinsettias Just coloring, 8-in. pans, \$1.50 each; 4-in. pots, 1 to 2 bracts, 25c.

Christmas Pepper Fine stock, 4-inch, 15c each; 5-inch, 25c each.

Fine lot of **PTERIS SERRULATA**, 2-inch, \$4.00 per 100. Sale arrival guaranteed.

WELLSTON,

A. JABLONSKY, ST. LOUIS, MO.

PANSIES.

200,000 Extra Strong Stucky Plants.

Giant of best sorts, equal to any, \$2.50 per 1000; \$4.50 per 2000.

DOUBLE ALYSSUM, 2-inch, 2c.
BABY PRIMROSE, in bloom, 2-inch, 1½c.
DAISIES, Snowball, Longfellow, Giant Red, \$2.50 per 1000; 2000 for \$4.50
VINCA VAR., R. C., prepaid, 90 cts per 100.
ASP. PLUMOSUS NANUS, 2-in., 2½c. 3-in., 5c.
ASP. SPRENGERI, 2-inch, 2c.
HOLLYHOCKS, Double Yellow, White, Pink, Maroon, Salmon, Red.
Small plants, \$1.00 per 100.

—CASH—

BYER BROS., Chambersburg, Pa.

GIANT PANSIES.

\$2.00 per 1000. Colors the best. Sure Sellers.

Daisies, Snowball, Longfellow, \$2.00 per 1000, small plants.

Baby Primrose, 2-inch, 1½c. **Heliotrope**, blue, 2-inch, 1½c; R. C., ¾c. **Alternanthera**, red and yellow, R. C., ¾c. **Asparagus Sprengeri**, 2-in., 2c. **Plumosus Nanus**, 1½-in., 2c; 3-in., 5c. Rooted cuttings, prepaid. Cash.

BYER FLORAL COMPANY, Shippensburg, Pa.

ASPARAGUS

Plumosus Nanus, 2½-inch pots, per 1000, \$15.00; per 100, \$2.00.

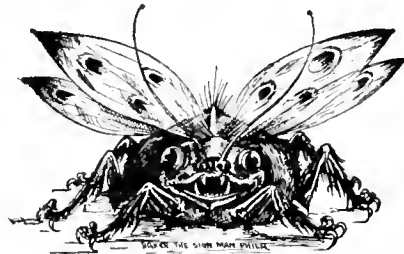
Pansy Plants.

Large flowering, per 1000, \$2.50; per 100, 60c. Cash.

JOS. H. CUNNINGHAM, Delaware, O.

Always mention the American Florist when you order stock.

A Prosperous Florist



Is Like the Bee, Never Idle.

Holiday Plants NOW READY.

Importer and Headquarters for

Araucaria Excelsa

Cheaper and Better than anywhere in the United States. Carry a large stock. No Seedlings but raised from top cuttings in Belgium.

5½-inch pots, bushy plants, 12 to 15-inches high, 3 to 4 tiers, 60c.

5½ to 6-inch pots, bushy, 4 to 5 tiers, 15 to 20 inches high, 75c.

6-inch pots, 20 to 25 inches high, 5 tiers, \$1.00.

6-inch pots, specimen plants, \$1.25 to \$1.50 each.

AZALEA INDICA for Xmas blooming now ready for shipment; showing color and flower, only selected plants, strong and healthy, full of buds. Are used for Xmas potting. *Deutsche Perle*, pure double white; *Simon Mardner*, double pink; *Vervaneana*, large double pink; *rosa*. Price, 75c, \$1.00, \$1.25 to \$1.50 each; all unusually nice this year; rooted off before shipment.

KENTIA FORSTERIANA, 4-inch pots made-up with 3 plants, about 20 inches high, 20c. Made-up plants with 3 plants, 6-inch pots, about 35 inches high or more \$1.25 each. 6-inch pots, *Forsteriana* and *Belmoreana*, 30 to 35 inches high, \$1.00 each. 7-inch pots *Belmoreana* and *Forsteriana*, made-up, one large one in center and 3 smaller around, \$1.50 each.

ARECA LUTESCENS, made-up plants, 3 in a pot, 6-inch, 30 to 35 inches high, 75c; 5½-inch pot, 30 inches high, 3 in a pot, 50c; 6-inch, 25 to 30 inches high, 3 in a pot, 30c.

LATANIA BORBONICA, 6 inch pots, 50c.

PHENIX CANARIENSIS, 4 feet high, 4 feet wide, 15 per ct leaves, perfect specimens, \$2.00 each; worth \$5.00; good for decoration.

FICUS ELASTICA, (Rubber Plants.) Home-grown and Imported; can meet all wants; not a bad one in the lot, nicely staked up with pointed stakes, 5½ to 6-inch pots, 20 to 30 inches high, having from 16 to 20 and more perfect leaves to the plant, \$4.00, \$5.00 and \$6.00 per dozen. Extra specimens, 6 to 7-inch pots, 30 to 35 inches high, 75c to \$1.00 each.

PIERSONI FERNS, 5-inch pots, 25c.

BOSTON FERNS, 5 to 5½-inch pots, 25c, 30c and 40c; 6-inch pots, 18 to 20 fronds, 50c. Specimen 7-inch, very large, 75c to \$1.00 each. 8 to 9-inch pots, as large as a bushel basket or washtub \$1.25 to \$1.50 each; worth \$3.00.

HOLLY FERNS and others for Fern Dishes, large 3-inch at 7c. 2½-inch mixed at \$5.00 per 100. *Cocos Weddelliana*, 3-inch, strong, 15c.

PRIMULA CHINENSIS or **CHINESE PRIMROSES**, are never so nice as this year 5½-inch pots, John Rupp strain now in bud and bloom, \$2.00 per dozen; \$15.00 per 100.

SOLANUM, Jerusalem Cherries, unusually fine this year; just laden with berries, 6-inch pots from \$2.50 to \$3.00 per dozen.

DRACENA BRUANTII, 25 inches high, 6-inch pots, full of leaves from top to bottom, 50c.

ASPARAGUS PLUMOSUS NANUS, 3-in. pots, \$6.00 per 100; 4-inch, \$10.00 per 100, or by doz., 10c each; 6-inch, 3 in a pot, \$3.00 per dozen.

Cash with order please. All goods travel at purchasers' risk.

Godfrey Aschmann,

Wholesale Grower and Importer of Pot Plants.

Bell Phone Tioza 3669 A.

1012 Ontario St., Philadelphia, Pa.

Florists' Paper From Cover to Cover.

AMERICAN FLORIST Co.:—Enclosed find \$1 for renewal of my subscription as I see my time is out June 15 and I can not miss a number. It is truly a florists' paper from cover to cover.

M. L. PENWELL.

JOHN BURTON, Assignee for
ROBERT CRAIG & SON,
Roses, Palms,
and Novelties in Decorative Plants.
Market and 49th Sts., Philadelphia, Pa.

PANSY PLANTS THE JENNINGS
STRAIN
Pine plants, fancy colors, large flowering.
Large plants in bud and bloom, \$1.00 per 100.
Medium size for cold frames, \$3.50 per 1000; 500
for \$2.00. By mail, 75c per 100. Seed, \$1.00 per
pkt.; \$5.00 per oz. Cash with order.
E. B. JENNINGS, Lock Box 254,
SOUTHPORT, CONN.
GROWER OF THE FINEST PANSIES.

RUDBECKIA.
Per 100
Extra choice, large clumps..... \$5.00
Asp. Sprenger, extra quality, 2½-in. pots... 2.00
Asp. Plumosus, extra quality, 2½-in. pots... 2.50
Asp. Plumosus, extra quality, 3-in. pots... 4.00
JOHN BROD, Niles Center, Ill.

HINODE FLORIST CO.
...JAPANESE NOVELTIES...
TINY PLANTS, in 2 and 3-in. decorated Japan-
ese pots, \$15.00, \$20.00 and \$25.00 per 100.
RHAPIS, 5 to 15 shoots, 50 cents each.
—CASH WITH ORDER.
LARGEST GROWERS OF EASTER LILS.
WOODSIDE, N. Y. and WHITESTONE, L. I., N. Y.

Peacock's
...Dahlias
For plants or bulbs address
L. K. PEACOCK,
Dahlia Specialist, ATCO, N. J.

We Are Selling Agents
—FOR—
GIBSON BEAUTY and WHITE SWAN CARNATIONS.
Shall be pleased to have you correspond with us
in regard to prices. Write
GEO. A. KUHLE, Pekin, Ill.
SPECIALTIES
ROSES, from 3-inch pots,
CARNATIONS, for all delivery,
CHRYSANTHEMUMS,
SMILAX, VIOLETS.
In Best
Varieties
Prices Low. Send for List.
WOOD BROTHERS, Fishkill, N. Y.

Nephrolepis Scottii.
The most graceful and symmetrical Nephrolepis
known. It makes three times as many fronds as
the Boston Fern in a given time. Prices, 6-inch
pot-grown, ready for 8-inch, \$15.00 per doz.; 7-
inch, pot-grown, \$24.00 per doz.; 8-inch, pot-
grown, \$36.00 per doz.
John Scott, Keap St. Greenhouses,
BROOKLYN, N. Y.

ASPARAGUS SPRENGERI.
All Nice, Healthy, Thrifty Plants.
2½-inch pots..... \$1.00 per 100; \$ 8.00 per 1000
3-inch pots..... 2.00 per 100; 18.00 per 1000
4-inch pots..... 3.00 per 100; 25.00 per 1000
—Cash with the order.
F. WALKER & COMPANY,
Box 316, NEW ALBANY, IND.

JOSEPH HEACOCK,
WYNCOTE, PA.
—GROWER OF—
Kentia Belmoreana
and **Kentia Forsteriana**

Asparagus Plumosus Nanus
Per 1000
2¼-inch..... \$15.00
2½-inch..... 18.00
3-inch..... 22.00
Cash. Express prepaid. 250 at 1000 rates.
CALIFORNIA CARNATION CO.,
LOOMIS, CALIFORNIA.

500,000 VERBENAS THE CHOICEST VARIETIES
IN CULTIVATION.
Fine pot plants, \$2.50 per 100; \$20 per 1000. Rooted Cuttings, 50c per 100; \$5 per 1000; \$45 per 10,000.
NO RUST OR MILDEW.
PACKED LIGHT, AND SATISFACTION GUARANTEED. SEND FOR CIRCULAR.
We are the Largest Growers of Verbenas in the country. Our plants cannot be surpassed.
J. L. DILLON, **BLOOMSBURG, PA.**

Cheap To Clear.
2,500 Rose Geraniums, 2,500 Mixed Geraniums, best
bedding varieties, all 2-in. \$1.00 per 100. Cuphaea,
75c per 100; Chrysanthemums stock plants, J. K.
Shaw, Lincoln. Polly Rose, Glory of Pacific, Bill
Hawk, 25c per doz.
H. ROSSITER,
200 Lexington Avenue, JERSEY CITY, N. J.

GERANIUMS.
ROOTED CUTTINGS.
Fifteen varieties at \$10.00 and \$12.50 per
1000. Send for complete price list of
GERANIUMS and CARNATIONS.

ALBERT M. HERR, Lancaster, Pa.
For Sale.
500 Hydrangea Plants, *Hortensis Japonica.*
Extra strong field-grown plants. Will take
7 to 8-inch pots, at \$15.00 per 100.

Schluraff Floral Co.,
2406 Poplar St., ERIE, PA.

VIOLETS.
We make a specialty of
VIOLETS. ❀ ❀ ❀

ELI CROSS, Grand Rapids, Mich.
2,000 Princess of Wales and L. H. Campbell
Fine field clumps, \$5 per 100; \$45 per 1000.
2,000 BOSTON FERNS, grown in full light,
stocky, for 5 and 6-inch pots, 15c and 20c.
500 ASPARAGUS PLUMOSUS NANUS and
SPRENGERI, 4-inch, fine, 8c. Cash please.
BENJ. CONNELL, West Grove, Pa.

CYCLAMEN
SPLENDENS GIGANTEUM HYBRIDS. Finest strain
in the world, in bud and bloom. First-class
gr wn stock from 5-inch pots, \$2.50 per dozen;
\$20.00 per 100. Satisfaction guaranteed.

PAUL MADER, East Stroudsburg, Pa.
American Florist
Always do business,
Week days and every day,
Sundays and holidays,
All over the country,
At home and abroad.

A FEW GOOD THINGS
YOU WANT.

KENTIA PALMS, a fine lot of single and made-
up plants as was ever grown, 4, 5, 6, 7, 8-inch
pots, at 20c, 35c, 75c, \$1.50 to \$3.00 each.
BOSTON FERNS, 5-inch, \$30 per 100.
ORACAENA INDIVISA, 2, 3, 4, 5-inch, \$2, \$5, \$10
and \$25 per 100.
ASPARAGUS PLUMOSUS, 2 and 3-in., \$4 and
\$8 per 100.
ASPARAGUS SPRENGERI, 2 and 3-in., \$3 and \$5
per 100.
GERANIUMS, rooted cuttings, Mrs. E. G. Hill,
Riccard, John Doyle, Perkins, \$1.25 per 100.
single and double Grant, La Favorite, \$1.00 per
100. Poltevine, S. A. Nutt, 2-in. pots, \$3.00 per 100.
VINCA VARIEGATA, 2-inch \$2.00 per 100.
Unrooted cuttings of CARNATIONS. The best
and cheapest way to buy them. Queen Louise,
Portia, Crocker, Goodenough, Mermaid, Roose-
velt, 50c per 100. Lawson, Enchantress, Boston
Market, Fair Maid, Harry Fenn, \$1.00 per 100.
CHINESE PRIMROSE 3-in., \$4.00 per 100.
CINERARIAS, 2-inch, \$2.00 per 100; 3-inch, \$4.00
per 100.
PRIMULA OBCONICA, 2-inch, \$2.00 per 100.
CASH OR C. O. D.

GEO. M. EMMANS, NEWTON, N. J.

Special Clearing Sale.

ASPARAGUS PLUMOSUS NANUS.
Strong plants from 3-inch pots, \$3.00 per 100.
BOSTON FERNS, Fine plants from 6-in. pots,
full of young fronds, clean
and healthy, \$3.00 per dozen; \$20.00 per 100.

—CASH WITH ORDER.—
Send for our new list of Specialties.
The W. T. BUCKLEY CO.,
SPRINGFIELD, ILL.

Orchids! 

Our stock of established and semi-established
Orchids is unrivaled in quality and price.
Many in sheath and spike at present. Write
for prices.

Lager & Hurrell, SUMMIT, N. J.
Orchid Growers and Importers.
Please mention the American Florist when writing.

Poinsettias.
Per 100
3-inch..... \$ 8.00
4-inch..... 15.00
5-inch..... 20.00 and 25.00
6-inch..... 30.00 and 35.00
Strong plants. Satisfaction guaranteed.
Cash with order.
BAUR FLORAL COMPANY, Erie, Pa.

Boston Ferns

Nice, clean stock, from 2½-inch pots, \$5.00 per 100; 3-inch pots, \$8.00 per 100. Cut from the bench, suitable for 4-inch, 5-inch, 6-inch pots, at \$15.00, \$20.00 and \$25.00 per 100.

ARAUCARIA EXCELSA, 5-inch pots, 3 to 4 tiers, 50c each, or \$5.00 per doz.

Ocean Park Floral Co.,

E. J. VAWTER, Pres. OCEAN PARK, CAL.
Please mention the American Florist when writing.

Boston Ferns.

Strong bushy plants, from bench, ready for 5-inch pots, 20c each.

ASPARACUS SPRENCERI.

2½-inch, very strong, ready for immediate shift, \$2.50 per 100; \$30.00 per 1000. Cash.

H. N. EATON, So. Sudbury, Mass.

FERNS for FERNERIES

All the popular sorts. Fine bushy plants, 2½-inch pots, \$6.00 per 100.

Chas. A. Knapp,

CHESTNUT HILL, PA.

Please mention the American Florist when writing.

Boston Ferns.

From bench, \$1.50 to \$10.00 per 100.

ASPARACUS SPRENCERI, own stock, in fine shape, 2-inch, 2c; 2½-inch, 3c.

CANNAS, in twenty best varieties, \$2.00 per 100.

W. W. COLES, Kokomo, Ind.

FERNS for FERNERIES

MIXED PTERIS and CYRTOMIUM FALCATUM.
\$30.00 per 1000.

E. HOBBS CO.,

3112-14-16 Indiana Ave., CHICAGO, ILL.

FERNS.

We are headquarters in the West for these as well as **PLUMOSUS** and **SPRENGER**. All sizes. Write

GEO. A. KUHLE, Pekin, Ill.

BOSTON FERNs.

4-inch, \$15.00; 5-inch, \$25.00; 6-in., \$40.00; 7-inch, \$60.00; 8-inch, \$75.00 per 100. Any number at these prices. All short bushy pot-grown plants that are sure to please.

DAVIS BROS., MORRISON, ILL., and GENEVA, ILL.

BOSTON FERNs.

Extra fine stock, cut from bench now ready for 5, 6, 7 and 8-inch pots at \$25.00, \$50.00, \$75.00 and \$100.00 per 100. **KENTIAS**, **RUBBERS**, **ASPARAGUS PLUMOSUS NANUS**. Cash or reference please.

L. H. FOSTER, 45 King St., DORCHESTER, MASS.

PALMS, FERNs

AND

Decorative Plants.

R. DREYER, Woodside, L. I., N. Y.

INSURANCE

of your plants from freezing in cold weather at but a trifling cost if you will use a

LEHMAN WAGON HEATER.

There is no danger of fire; no smoke, dirt or gases to injure the plants. They burn **LEHMAN COAL** which costs less than ½ cent per hour. Can you afford to be without one? 250,000 Lehman Heaters are in use by Florists, horsemen, physicians, etc. They all highly recommend them. What better endorsement could we offer you? Beware of imitations. For circular and price list write

LEHMAN BROS.,

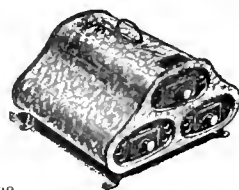
Manufacturers,

10 Bond St., NEW YORK.

J. W. ERRINGER,

General Western Sales Agent,

45 E. Congress St., CHICAGO.



H. Bayersdorfer & Co.

50 to 56 North Fourth St.,

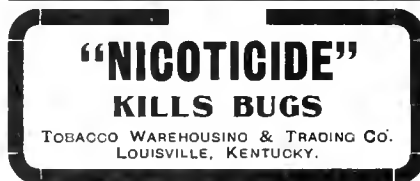
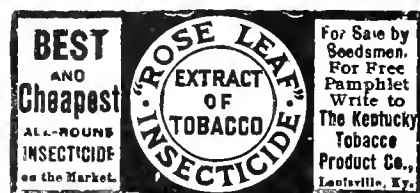
PHILADELPHIA.

Please mention the American Florist when writing.

Long Distance THERMOMETERS

REGISTER CAN BE READ
TEN FEET AWAY. 20c

WM. ELLIOTT & SONS, New York.



W. Z. PURNELL, SNOW HILL, MD.

Green Sheet Moss, large thin pieces, fancy, per bbl., \$1.25. Green Sphagnum Moss, per bbl., \$1.25. Laurel Branches, selected, 2x2x4 ft. case, per case, \$2.00. Cedar Branches, with berries, 2x2x4 ft. case, per case, \$2.50. Mistletoe, on branches, per bunch, 50c, 75c and \$1.00.

Place Your Order Before the Rush.

SIGMUND GELLER,
FLORISTS' SUPPLIES and RIBBONS.

108 West 28th Street, New York.
NOVELTIES always on hand.

ALL Nurserymen, Seedsmen and Florists wishing to do business with Europe should send for the

"Horticultural Advertiser"

This is the British Trade Paper, being read weekly by all the Horticultural traders; it is also taken by over 1000 of the best continental houses. Annual subscription to cover cost of postage 75c; Money orders payable at Lowdham, Notts.

Address **EDITORS OF THE "H. A."**
Chilwell Nurseries, LOWDHAM, Notts, England.

It is good business policy
.....to mention the

American Florist

When you write to an advertiser.

REED & KELLER,

122 West 25th St., NEW YORK.
Importers and Manufacturers of

FLORISTS' SUPPLIES

Galax Leaves and all Decorative Greens.
New York Agents for Caldwell's Monroe, Ala.,
"Parlor Brand" Smilax.

L. BAUMANN & CO.,

Importers and Manufacturers of

Florist Supplies

76-78 Wabash Ave., CHICAGO.

Write for our New Catalogue F. Our prices may interest you.

A. HERMANN,

Cape Flowers, all colors,
Cycas Leaves, Metal Designs,
and All Florists' Supplies.

SEND FOR PRICES.

404-412 East 34th Street, NEW YORK.

Wired Toothpicks

10,000, \$1.50; 50,000, \$6.25. Manufactured by
W. J. COWEE, BERLIN, N. Y.
Sample Free. For sale by dealers.

KORAL LETTERS

For Sale by all Wholesale Houses.

Koral Mfg. Co.,

12 Hawley Place, Boston, Mass.

NOTHING HALF AS GOOD.

Barrington, Mass.

Send me 50 lbs. Fumigating Kind by freight.
I am all out and cannot get anything half as good for the purpose.

A. W. MEDBURY.

See page 759.

Please mention the American Florist when writing.

CUBA VIA THE WABASH

The Wabash sells winter tour tickets to Havana, Cuba, via Mobile, New Orleans or New York. Are you interested? Write for full details and rates.

F. A. Palmer, A. G. P. A.,
97 Adams St., CHICAGO, ILL.

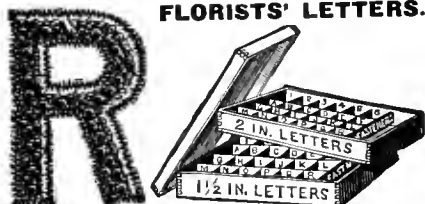
Are all flower growers liars?

Surely this cannot be true. Well, we have over 100 growers who have written us, a large majority without request, their opinions; we publish a few of these letters in the columns of this paper, see on pages 756, 758, 760, 762, what they say about the FUMIGATING KIND TOBACCO POWDER. All began with a five pound trial bag at our expense, which gave them an opportunity, without cost, to prove its GOODNESS and our assertion that it was the most effective, cleanest and quickest, as well as the cheapest (10 cents per 100 foot house) article to fumigate with, and that all kinds of aphids can be killed in one night. Let us send you a five pound trial bag by express, it will cost you nothing but the express charges on it, and be convinced that what your brother growers say of it is true. Our booklet tells of it; we mail it on request.

The H. A. STOOHOFF COMPANY, Tobacco Powder Hobbyists,
118, 117, 118 West Street, NEW YORK.

Boston Florist Letter Co.

MANUFACTURERS OF
FLORISTS' LETTERS.



This wooden box neatly stained and varnished, 18x30x12 made in two sections, one for each size letter, given away with first order of 500 letters.

Block Letters, 1½ or 2-inch size, per 100, \$2.00.
Script Letters, \$4. Fastener with each letter or word.

Used by leading florists everywhere and for sale by all wholesale florists and supply dealers.

N. F. McCARTHY, Treas. and Manager,
84 Hawley St., BOSTON, MASS.

CUT FLOWER BOXES WATERPROOF

| Size No. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. |
|----------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | 3x 4x20..... | 3x 4½x16..... | 3x 6x18..... | 4x 8x18..... | 4x 8x24..... | 4x 8x22..... | 4x 8x28..... | 6x16x20..... | 6x 7x21..... | 5x10x35..... | 7x20x30..... | 3½x5x30..... |
| | | 1.90 | 2.00 | 2.50 | 2.75 | 3.00 | 3.75 | 5.00 | 5.50 | 6.50 | 9.50 | 3.00 |
| | | | 17.50 | 19.00 | 23.00 | 26.00 | 28.50 | 36.00 | 28.50 | 62.00 | 67.50 | 28.50 |

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

THE LIVINGSTON STEEL COMPANY,
BOX 104. COLUMBUS, OHIO.

C. S. FORD,

1417 Columbia Avenue,
Philadelphia, Pa.

Established 1881.

MANUFACTURER OF
IMMORTELLE NOVELTIES
AND DEALER IN
FLORISTS' SUPPLIES

See issue of Nov. 19 for price list of Christmas Novelties. Also Representing

A. HERRMANN, 404 E. 34th St., New York,
D. B. LONG, Buffalo, N. Y., and others.

Selling agent for Palms and general plant stocks.
Christmas Bells. Gold Letters, 50c per 100 up.
Correspondence solicited.

SPHAGNUM MOSS Clean and fresh shipment, direct from the swamp. 5 barrel bales, \$1.25; 3 bales, \$3.25; 5 bales, \$6.00;

H. R. AKERS, Chatsworth, N. J.

Tobacco Dust FOR FUMIGATING.

It would pay large users of dust to communicate with us and get samples and prices.

Edwin L. Koppelman & Co., 81 PINE STREET, NEW YORK.
Please mention the American Florist when writing.

ROSSIG BROTHERS, —MANUFACTURERS OF— Artificial Leaves.

ALL STYLES IN HUNDREDS OF DIFFERENT DESIGNS. PAPER AND MUSLIN. SMILAX, YARDS and PIQUETS. Samples Furnished to the Jobbing Trade Only.

407 West Broadway, NEW YORK.
Please mention the American Florist when writing.

M. RICE & CO.,

Importers and Manufacturers,

Leading Florists' Supply House and Ribbon Specialists.

918 Filbert Street, Philadelphia, Pa.

FLORIST Plain, Violet, Rose FOIL

MADE BY

The John J. Crooke Co.

155 Ave. D, NEW YORK. 149 Fulton St., CHICAGO.

BEST ENGRAVINGS and ILLUSTRATIONS

—Of Every Description—

FOR CATALOGUES.

SEE OUR WORK IN THIS PAPER.

SEND FOR ESTIMATES.

GLOBE ENGRAVING and ELECTROTYPE CO.

407-427 Dearborn St., CHICAGO.



—FOR—
Artificial Flowers
and PREPARED PALMS
Go to Headquarters.
Clare & Scharrath, Mfgs.
170 E. Madison St., Chicago.

"NICOTICIDE"

THE BUG KILLER

TOBACCO WAREHOUSING & TRADING CO.
LOUISVILLE, KENTUCKY.

Please mention the American Florist when writing.

Davenport, Ia.

The Tri-City Florists' Club held its regular meeting on November 10 at the conservatories of Central park, Davenport, and it was one of the best meetings of the year. As the chrysanthemum season was at its height the session was naturally devoted to the study of that flower. Superintendent Arp and Emil Boehn, florist at Central park, both gave interesting talks on chrysanthemums. The talks were followed by a general discussion, which was participated in by nearly all members present and a number of fine points were brought out. Superintendent A. Arp had on exhibition a large handsome vase of chrysanthemums which contained fifty different varieties; the smallest bloom measured six inches in diameter, and the largest—well! After the meeting and the inspecting of the conservatories the florists sat down to a light luncheon and enjoyed an hour or so in a social way. The next meeting of the club will be held at Odd Fellows hall, Davenport, on December 8, when the question of holding a flower show next season will come up.

John Temple came limping into the meeting the other evening, having sprained his ankle a day or so before. But Uncle gets there just the same, he would be on hand if he had to be carried there in a stretcher; wish all members were as prompt.

The weather has been more like summer for the past few weeks than like fall—thermometer up to near 60° almost every day, with plenty of sunshine. Business is brisk and everything points to a good business this coming winter.

Henry Pauli had an exciting runaway one day recently. Fortunately no damage was done and Henry escaped with but few bruises, having been dragged across the pavement for almost a block.

Otto Klingbiel, who suffered several days from having a box fall on his head while down in the boiler hole shoveling coal, is able to be around again.

Ewoldt Brothers have finished piping their new houses and are now in ship-shape condition for winter.

Faber & Bird are busy building a sash house.

Cigars on Harry Bills. Its a girl, No. 2.
TED.

Poulan, Ga.

"Within a few years many manufacturing towns have sprung up in southwest Georgia," says J. F. Wilson, "with populations ranging from 500 to 2,000, without a single greenhouse in the section. My own glass is not in use except to winter house plants, owing to the entire absence of reliable labor. If there were competent men on the ground I could furnish locations for about a dozen establishments within a radius of fifty miles of this point. There are many advantages here for this trade and the enterprising greenhouse builders who would construct and equip plants would doubtless find it profitable."

LENOX, MASS.—The regular meeting of the Lenox Horticultural Society was held November 19, President Jenkins in the chair. The members gave some very interesting talks of the different shows that they had attended. John Dallas was awarded a first-class certificate for a white seedling carnation, Geo. H. Morgan, a very good white.

Standard Flower Pots

The WHILLDIN POTTERY COMPANY,
PHILADELPHIA PA. JERSEY CITY, N. J. LONG ISLAND CITY, N. Y.
Traveling Representative, U. CUTLER RYERSON, 108 Third Ave., Newark, N. J.

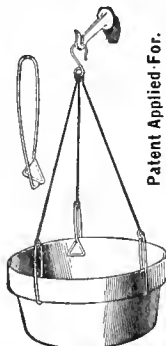
THE KELLER POTTERY COMPANY,

Manufacturers of FLORISTS' RED STANDARD POTS.

Azalea Pots, Bulb and Fern Pans, Etc.

Write for Price List. 213-15-17-19-21-23 Pearl St., NORRISTOWN, PA.

Kramer's Pot Hanger



Patent Applied For.

The neatest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They fit all standard made pots from 2 to 10 inches in diameter. The illustration shows how they are attached. Just the thing for hanging up ferns, begonias, etc. You can make room and money by their use. Try them.

FOR SALE BY WHOLESALE SEEDSMEN, FLORISTS AND SUPPLY DEALERS.

Price with wire chain as shown in cut, \$1.00 per dozen by express. Sample dozen by mail, \$1.25.

I. N. Kramer & Son, Cedar Rapids, Iowa.



RED POTS

SAMPLE POT AND PRICE LIST ON APPLICATION.

C. C. POLLWORTH CO., MILWAUKEE, WIS.

Standard Flower... POTS

If your greenhouses are within 500 miles of the Capitol, write us, we can save you money.....

W. H. ERNEST, 28th and M Streets. WASHINGTON, D. C.

AN OLD USER.

Spring Valley, N. Y.
I have used your Fumigating Kind Tobacco Powder and can say it is cheap and very effective; not at all damaging to carnation blooms, and easy to handle. I have used it about four years after trying many other bug killers and like it the best.
JOS. WOOD.

See page 759.



Please mention the American Florist when writing.

STANDARD FLOWER POTS!

Packed in small crates, easy to handle.

| Price per crate | Price per crate |
|------------------------------|-----------------------------|
| 1500 2-in., in crate, \$4.88 | 120 7-in., in crate, \$4.20 |
| 1500 2 1/2 " " 5.25 | 60 8 " " 3.00 |
| 1500 2 3/4 " " 6.00 | 48 9-in., in crate, \$3.60 |
| 1000 3 " " 5.00 | 48 10-in., " " 4.80 |
| 800 3 1/2 " " 5.80 | 24 11 " " 3.60 |
| 500 4 " " 4.50 | 24 12 " " 4.80 |
| 320 5 " " 4.51 | 12 14 " " 4.80 |
| 144 6 " " 3.18 | 6 16 " " 4.50 |

Seed pans, same price as pots. Send for price list of Cylinders for Cut Flowers, Hanging Baskets, Lawn Vases, etc. Ten per cent off for cash with order. Address

HILFINGER BROS. POTTERY, Fort Edward, N. Y.
Or AUGUST ROLKER & SONS, New York Agents,
31 Barclay Street, New York City.

Please mention the American Florist when writing.



GEO. KELLER & SON,
MANUFACTURERS OF

FLOWER POTS.

Before buying write for prices.

361-363 Herndon Street,
near Wrightwood Ave.,

CHICAGO, ILL.

Please mention the American Florist when writing.

THOSE RED POTS

"STANDARDS"
FULL SIZE AND WIDE BOTTOMS.
BULB PANS AND AZALEA POTS.

DETROIT FLOWER POT M'FY.,

HARRY BALSLEY, Rep. DETROIT, MICH.,
490 Howard St.,

Please mention the American Florist when writing.

—WRITE—

A. F. Kohr
1521-23 N. Leavitt St., CHICAGO, ILL.,

FOR PRICES OF

Standard Pots which for strength and porosity combined are the best on the market.

PUMPS Rider-Ericson. Second-hand. From \$45.00 up; all repairs; other makes; new; cheap.

BOILERS Second-hand Greenhouse Boilers guaranteed. Send for prices; state size wanted.

PIPE New 2-in. full lengths, with coupling, 8½¢ a foot. Good serviceable second-hand, 2-in., 6½¢; 1½-in., 5½¢; 1¼-in., 3½¢; 1-in., 3¢; ¾-in., 2½¢. New and old fittings and valves.

GARDEN HOSE New, ¾-in., guaranteed 100-lbs. pressure, 7½¢ per ft.; ¾-in. not guaranteed, 4½¢ per ft.

HOTBED SASH New. Cypress, 3x6-ft., from 70¢ up; glazed, complete, from \$1.60 up.

Get our prices on New Cypress Building Material, Ventilating Apparatus, Oil, White Lead, Putty, Paint, Points, etc.

OLD GREENHOUSES BOUGHT.

SEND FOR PRICES ON STEAM FITTING TOOLS.

References: Bradstreet's, Dunn's or Broadway Bank of Brooklyn.

METROPOLITAN MATERIAL CO.,
1398-1408 Metropolitan Ave., BROOKLYN, N. Y.

The Standard VENTILATING MACHINERY



The original machine with self-oiling cups. The most powerful, least complicated, very compact with ease of operation.

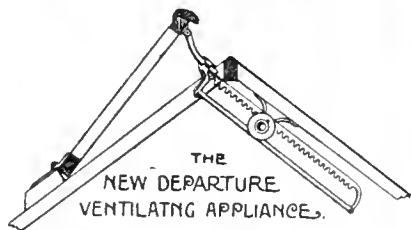
The New Duplex Gutter

Over six miles in use and highly recommended by all. The only Drip Proof gutter on the market.

The Standard Return Steam Trap

It has no equals for simplicity or its working. Catalogue free.

E. HIPPARD, Youngtown, Ohio,



CHEAPEST AND BEST.

If you doubt it try them and be convinced. Send for descriptive price circular.

J. D. Carmody, Evansville, Ind.

ADAM SCHILLO LUMBER CO.

DEALER IN ALL KINDS OF Hemlock and Pine
LUMBER
and "PECKY CYPRESS," our new introduction to the trade.

For Greenhouses.

ALSO CEDAR POSTS of ALL LENGTHS and DIMENSIONS. Having had an extensive experience in the line of Lumber and Posts needed for Greenhouse work, I am prepared to meet all inquiries. Send for prices.

Cor. Weed and Hawthorne Ave.,
CHICAGO, ILL. Tel. North 1626 & 1627
References given from the leading Florists of Cook County.

Please mention the American Florist when writing

THE Regan Printing House

—Large runs of—

CATALOGUES

Our Specialty. Write for Figures.

83-91 Plymouth Place, CHICAGO.

The James H. Rice Co.

IMPORTERS and JOBBERS

GREENHOUSE GLASS

A SPECIALTY.

Window Glass, Paint, Putty, etc.
80-82 Wabash Avenue and 34 to 40 South Water Street, CHICAGO.

GULF CYPRESS GREENHOUSE MATERIAL

HOT-BED SASH, BOILERS, PIPES, FITTINGS,
VENTILATING APPARATUS.

GLASS AT WHOLESALE.

We furnish everything for building. Send for prices and catalogues.

S. Jacobs & Sons, 1365-1373 Flushing Ave.
BROOKLYN, N. Y.

Please mention the American Florist when writing

CYPRESS
IS FAR MORE DURABLE THAN PINE.

CYPRESS
SASH BARS
UP TO 32 FEET OR LONGER.

GREENHOUSE
AND OTHER BUILDING MATERIAL,
MEN FURNISHED TO SUPERINTEND
ERECTION WHEN DESIRED.
Send for our Circulars.
The A.T. Stearns Lumber Co.,
NEPONSET, BOSTON, MASS.

Please mention the American Florist when writing

Established 1899. Tel. 174 Bergen.

Phillips Manufacturing Co.

222-226 Kearney Ave., Jersey City, N. J.

Horticultural Architects, Builders
and Heating Engineers.

Designers and Manufacturers of
every description of Glass Houses
for private or commercial uses. Most
modern and up-to-date.

If you write or telephone us, we do
the rest.

—RUSTIC WORK A SPECIALTY.—

Please mention the American Florist when writing.



**EVANS' IMPROVED
CHALLENGE
VENTILATING
APPARATUS**

WRITE FOR ILLUSTRATED CATALOGUE
QUAKER CITY MACHINE WORKS
RICHMOND, IND.

Always mention the.....

American Florist

when you write to an advertiser.

GLASS.

GOOD BRANDS.
QUICK SHIPMENTS.
LARGE STOCK.

Warehouse on railroad switch. Be sure
and get our prices.

Sharp, Partridge & Co.

22nd St. and Union Place, CHICAGO.

D. O. Cunningham Glass Co.

PITTSBURG, PA.

TANK WINDOW GLASS.

Hot-House Glass a Specialty.

Sprague Smith Co.

PLATE AND WINDOW GLASS

Greenhouse Glass a Specialty.

205 Randolph Street, CHICAGO.

STENZEL GLASS CO., GREENHOUSE GLASS.

French and American "WHITE ROSE"
Brand.

2 Hudson St.,
NEW YORK.

101 Portland St.,
BOSTON.

H. M. HOOKER CO.

Window Glass, Paints and Putty.

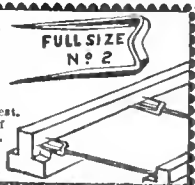
Greenhouse Glass a Specialty.

59 W. Randolph St., CHICAGO.

Holds Glass
Firmly
See the Point &
PEERLESS

Glazing Points are the best.
No rights or lefts. Box of
1,000 points 75 cts. postpaid.

HENRY A. DREER,
714 Chestnut St., Phila., Pa.



Index to Advertisers.

Advertising rates... 734
 Aitken Mark... 740
 Ackers H R... 750
 Albany Steam Trap Co... 762
 American Flower Co... 736
 Amling E C... 737
 Anderson Wm... 746
 Aschmann Godfrey... 756
 Baller P A... 742
 Baneroff Jos & Son... 742
 Bassett & Washburn... 737
 Baumann L & Co... 758
 Baur Floral Co... 767
 R. K. & H. Floral Co... 752
 Bayersdorfer H & Co... 758
 Beaven E A... 741
 Beckert W C... 711
 Benthey-Coatsworth... 737
 Berckmans P J Co... 744
 Berger Bros... 738
 Berning H G... 736
 Bertermann Bros... 740
 Blaauw J & Co... 744
 Robbink & Atkins... 748
 Boddington A T... 748
 Boston Letter Co... 750
 Brague L B... 741
 Brant D Wood... 737
 Braslan S G Co... 743
 Breitmeyer's J Sons... 740
 Brod John... 757
 Bruns H N... 737
 Buckley W T Co... 757
 Budlong J A... 737
 Burpee W A & Co... 711
 Burton Jno Assignee... 757
 Byer Bros... 756
 Byer Floral Co... 756
 Caldwell the Woodsman Co... 738
 Calif Carvation Co... 757
 Calif Product Co... 756
 Carmody J D... 761
 Chadwick Chas... 741
 Chase Rose Co... 748
 Chicago Carnation Co... 754
 Chicago House Wrecking Co... 711
 Clare & Scharrath... 759
 Cleveland Cut Flow Co... 738
 Coles W W... 758
 Conard & Jones Co... 744
 Connell Benj... 767
 Cotsonas Geo & Co... 738
 Cottage Gardens Co... 748
 Cowee W J... 750
 Craig Wm P... 750
 Crooke John J Co... 749
 Cross Eli... 737
 Crowl Fern Co... 758
 Cunningham D O... 761
 Glass Co... 761
 Cunningham Jos H... 756
 Davis B A & Son... 754
 Davis Bros... 758
 Davis Bros Co... 754
 Deamud J B... 737
 Detroit Flower Pot Mfg... 760
 Dietsch A & Co... 711
 Diller Caskey & Co... 711
 Dillon J L... 757
 Dillon's Mfg Co... 762
 Dorner F & Sons Co... 71
 Dreer H A... 745
 Dreyer R... 758
 Dykhuis J... 748
 Eaton H N... 758
 Elliott Wm H... 738
 Elliott Wm & Sons... 758
 Emmans Geo M... 757
 Ernest W H... 760
 Feurich J S... 739
 Fisher Peter... 71
 Flower Growers Co... 737
 Foley Mfg Co... 711
 For sale and rent... 735
 Ford C S... 759
 Ford Bros... 739
 Foster Lucius H... 758
 Freeman Jos R... 740
 Gardeners Chronicle... 71
 Garland Geo M... 711
 Geller Sigmund... 758
 Ghormley Wm... 739
 Giblin & Co... 71
 Glauber Emil... 754
 Globe Eng Co... 759
 Gunther Wm H... 739
 Gurney Heater Co... 762
 Guttman Alex J... 739
 Hall & Jones Co... 738
 Hart Jas... 738
 Hansen Julius... 742
 Hauswirth P J... 740
 Heacock Jos... 757
 Heller & Co... 711
 Heller Bros... 741
 Heredeen Mfg Co... 71
 Hermitage Carnat Co... 754
 Herr Albert M... 757
 Herrmann A... 758
 Hess & Swoboda... 740
 Hews A H & Co... 740
 Hiltner Bros... 760

Hill The E G Co... 747
 Hinode Florist Co... 757
 Hippard E... 761
 Hitchings & Co... 71
 Hobbs, E Co... 758
 Holm & Olson... 740
 Holton & Hunkel Co... 736
 Hooker H M Co... 761
 Horan Edw C... 739
 Hort Advertiser... 758
 Hunt E H... 737
 Indianapolis Floral Co... 741
 International Flower Delivery... 740
 Jablousky A... 756
 Jacobs S & Sons... 761
 Jennings E B... 757
 Kasting W F... 753
 Keller Geo & Son... 760
 Keller Pot Co... 760
 Kennicott Bros Co... 751
 Kentucky Tobacco Product Co... 758
 Kervan Co The... 738
 King Construction Co... 711
 Knapp Chas A... 758
 Kohn A F... 760
 Koppelman E L & Co... 759
 Koral Mfg Co... 758
 Kramer J N & Son... 760
 Kreshover L J... 746
 Kroeschell Bros Co... 762
 Kuehn C A... 736
 Kuhl G A... 750
 Lager & Hurrell... 757
 Lang Julius... 739
 Langjahr A H... 752
 Larchmont Nurseries... 752
 Lee C K... 738
 Lehman Bros... 758
 Leikens... 740
 Lemao Henry W... 749
 Livingston Seed Co... 759
 Lockland Lumber Co... 711
 Loomis Floral Co... 752
 Lord & Burnham Co... 71
 Loven J G... 746
 Mader Paul... 767
 May John N... 71
 McCullough's J M Sons Co... 736
 McKellar Chas W... 741
 Menand H L... 738
 Mette Henry... 71
 Metropolitan Material Co... 761
 Millang Chas... 739
 Mills The Florist... 740
 Moller Ludwig... 711
 Moninger J C Co... 711
 Moon The Wm H Co... 744
 Moore Hentz & Nash... 739
 Munson Green's... 748
 Murchie John... 749
 Murdoch J B & Co... 736
 N Y Cut Flower Co... 739
 N Y Cut Flower Ex... 739
 Nickel Plate R R... 71
 Niessen Leo Co... 740
 Northern Michigan Evergreen Nursery... 742
 Ocean Park Floral Co... 758
 O'Hagan J H... 748
 Palmer W J & Son... 740
 Park Floral Co... 740
 Peacock L K... 757
 Peterson Nursery... 744
 Phila Cut Flower Co... 741
 Phila Wholesale Flower Market... 738
 Phillips Mfg Co... 761
 Pierson-Sefton Co... 71
 Pittsburgh Cut Flo Co... 746
 Pittsburgh Florist Ex... 736
 Poehlmann Bros... 737
 Pollworth C C Co... 740
 Pure Culture Spawn Co... 71
 Purcell W Z... 758
 Quaker City Mach Wks... 761
 Randall A L Co... 737
 Rawson W W & Co... 71
 Raynor J I... 739
 Reed & Keller... 758
 Regan Print House... 761
 Reinberg Geo... 737
 Reinberg Peter... 746
 Rennison J C... 752
 Rice Bros... 741
 Rice James H Co... 761
 Rice M & Co... 759
 Robichon A Fils... 748
 Robinson B M & Co... 738
 Roehrs Julius... 748
 Rolker A & Sons... 74
 Rossig Bros... 759
 Rossiter H... 757
 Sander & Sons... 742
 Schillo Adam... 761
 Schluraff Floral Co... 757
 Scott John... 757
 Sharp Partridge & Co... 761
 Sherman Nursery Co... 756
 Sheridan W F... 740
 Slevens & Boland... 739
 Sinner Bros... 737

Skidelsky S S... 749
 Smith Nath & Son... 754
 Smith W & T Co... 71
 Smits Jac... 748
 Spaulding Nursery & Orchard Co... 744
 Sprague Smith Co... 761
 Standard Pump & Engine Co... 71
 Stearns Lumber Co... 761
 Stenzel Glass Co... 761
 Stoothoff H A & Co... 756
 Storrs & Harrison... 748
 Styer J J... 71
 Suzuki & Iida... 743
 Swayne Wm... 754
 Syracuse Pottery Co... 760
 Thompson J D Carnation Co... 71
 Thorburn J M & Co... 71
 Tobacco Warehouse & Trading Co... 758
 Totty Chas H... 751
 Traendley & Schenck... 739
 Van Kleeff W & Sons... 744

Vaughan's Seed Store... 71
 111 744 749 750 751 753
 Vaughan & Sperry... 741
 Vick's Sons Jas... 71
 Wabash R R... 748
 Walker F & Co... 757
 Watson W H... 750
 Weber F C... 740
 Weber H & Sons... 752
 Weeber & Don... 71
 Weiland Peter... 736
 Weiland & Risch... 737
 Welch Bros... 738
 West'n Carnat'n Co... 752
 Whilldin Pot Co... 760
 Wietor Bros... 736
 Winandy M... 737
 Winterson E F Co... 746
 Witthold Geo Co... 740
 Wolf John... 735
 Wood Bros... 757
 Young A L & Co... 739
 Young John... 739
 Young Thos Jr... 639
 Young & Nugent... 739

BENTON HARBOR, MICH.—The Twin City Floral Company has sold out and has opened a city store for cut flowers under the name of Mrs. Harry Gentle, florist.

IN A HURRY.

Farmington, Conn.
 The Fumigating Powder does good work; please ship quick 100 lbs.

H. CHESNEY.

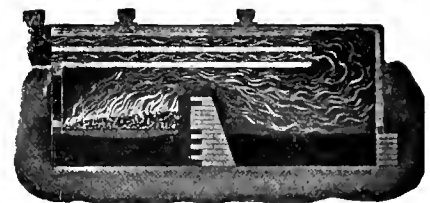
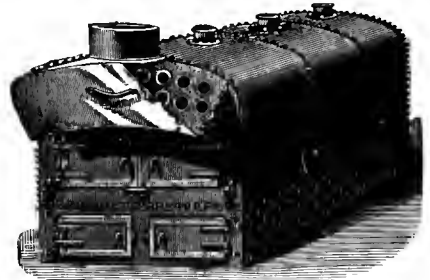
See page 759.

KROESCHELL BROS. CO.

IMPROVED

Greenhouse Boiler,

45 Erie St., CHICAGO.



Boilers made of the best of material, shell, fire-box sheets and heads of steel, water space all around (front, sides and back). Write for information.

Please mention the American Florist when writing.

Eureka Greenhouses.

The Best and Lowest in Price. All houses erected at the factory and shipped to purchasers with blue prints, photographs and plain directions so that any person can put them up.

DILLON GREENHOUSE MFG. CO., Bloomsburg, Pa.

Steam Traps

SAVE COAL



This is the Return Steam Trap used by the Up-to-date Greenhouse men to return the condensed water from the heating coils in their greenhouses. Have been in use for this purpose over 30 years.

Insures an Even Temperature.

Send For Red Catalogue.

Albany Steam Trap Co.

ALBANY, N. Y., U. S. A.

CROP INSURANCE.

Life Insurance is valuable because it guarantees the outcome.

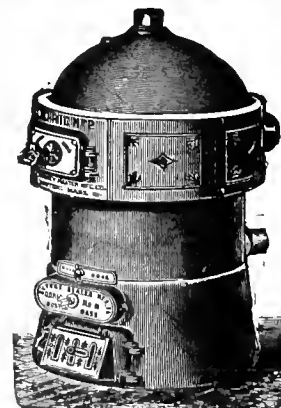
"Gurney" Heaters

"BRIGHT IDEA," "DORIC" and "400 SERIES" do the same thing for your hothouse: THEY GUARANTEE THE CROP. First of all they save 20 per cent on the coal bill and so keep expense at a minimum. Next, they produce an even heat and so do not imperil the life of the plant. Next, they are simple to operate and so require least attention. Lastly, they wear longer than others and thus perceptibly reduce the capital invested. Don't buy or exchange until you've investigated them.

GURNEY HEATER MFG. CO.

74 Franklin Street,
 BOSTON, MASS.

111 Fifth Avenue,
 NEW YORK CITY.



"DORIC" HEATER.

THE AMERICAN FLORIST



America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."

Vol. XXIII.

CHICAGO AND NEW YORK, DECEMBER 3, 1904.

No. 861

THE AMERICAN FLORIST

TWENTIETH YEAR.

Copyright 1904, by American Florist Company.
Entered as Second-Class Mail Matter.

PUBLISHED EVERY SATURDAY BY

AMERICAN FLORIST COMPANY,
324 Dearborn St., Chicago.

Eastern Office: 42 W. 28th St., New York.

Subscription, \$1.00 a year. To Europe, \$2.00.
Subscriptions accepted only from the trade.
Volumes half-yearly from August, 1901.

SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—**PHILIP BREITMEYER**, Detroit, Mich., president; **J. J. BENEKE**, St. Louis, Mo., vice-president; **WM. J. STEWART**, 11 Hamilton Place, Room 11, Boston, Mass., secretary; **H. B. BEATTY**, Oil City, Pa., treasurer.

OFFICERS-ELECT—**J. C. VAUGHAN**, president; **J. R. FREEMAN**, vice-president; secretary and treasurer as before. Twenty-first annual meeting at Washington, D. C., August, 1905.

THE AMERICAN CARNATION SOCIETY.

Annual convention at Chicago, January 25-28, 1905. **ALBERT M. HERR**, Lancaster, Pa., secretary.

AMERICAN ROSE SOCIETY.

Annual meeting and exhibition, Boston, Mass., 1905. **LEONARD BARRON**, 136 Liberty St., New York, secretary.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Annual convention and exhibition, November, 1905. **FRED H. LEMON**, Richmond, Ind., secretary.

THIS ISSUE 44 PAGES WITH COVER.

CONTENTS.

| | |
|-----------------------------------------------------------|-----|
| Seen at the fall shows..... | 763 |
| With the growers..... | 764 |
| —Cottage Gardens, Queens, N. Y. (illus.)..... | 764 |
| —Pennock's rosary, Lansdowne, Pa..... | 764 |
| —William Dittmann, New Castle, Ind. (illus.)..... | 765 |
| —The Munson Greenhouses, Denison, Tex. (illus.)..... | 766 |
| The Belladonna lily..... | 766 |
| Chrysanthemums..... | 767 |
| —Growing exhibition blooms—Paper by Anders Rasmussen..... | 767 |
| —Chrysanthemum Esigold (illus.)..... | 768 |
| The exhibitions..... | 768 |
| —Exhibition at Manchester, Mass..... | 768 |
| —Exhibition at New London, Conn..... | 768 |
| —Massachusetts Horticultural Society..... | 768 |
| Market gardens..... | 769 |
| —Fruits and vegetables at Philadelphia (illus.)..... | 769 |
| The retail trade..... | 770 |
| —Parlor wedding decoration (illus.)..... | 770 |
| —New York stores..... | 770 |
| New York..... | 770 |
| Chicago..... | 771 |
| Philadelphia..... | 772 |
| Boston..... | 772 |
| St. Louis..... | 772 |
| Baltimore..... | 773 |
| Washington..... | 773 |
| The seed trade..... | 782 |
| —Government bulb growing and seed distribution..... | 782 |
| The nursery trade..... | 784 |
| Our pastimes..... | 786 |
| The allied trades..... | 795 |

Seen at the Fall Shows.

It would seem that the fall flower shows as a medium for the diffusion of horticultural knowledge has come to stay. The popularity of the chrysanthemum show is as yet not on the decline, but rather gaining in favor. This year has witnessed more of these shows than formerly, and not for the display of chrysanthemums alone; their scope is widening, and there are few things of interest to the horticultural world that are not to be found displayed at the various centers where these exhibitions have been held. It has been the writer's good fortune to attend most of these displays in the east, and he has, perhaps, in this respect, had the advantage of many others of the craft. A general resume of what has taken place and a few words about the most interesting things seen may be of interest to the general reader.

The chrysanthemum, being of the greatest immediate importance, may be first considered. Last fall witnessed the debut of a larger variety of new kinds than perhaps any former year; especially was this true of pinks and scarlets. Many were inclined to regard the influx as the boom of the houses interested in the dissemination of novelties, and were somewhat skeptical about all the good qualities of many of the aspirants, but this fall has proved that most of them have merit, for in all the winning stands last year's novelties have played an important part.

First of all as an exhibition variety, comes William Duckham. This is unquestionably the finest pink chrysanthemum for the exhibition stand yet sent out, but sad to relate, it has only been shown to perfection by one or two growers. It would appear that many have propagated this late, and have taken it on the terminal bud, and in such cases the flowers have come small and with an open center, but where it was propagated early and second (or first) crown buds taken it has proved itself an out and out first-class thing.

Also in pinks of last year's introduction Leila Filkins and F. A. Cobbold have been very much in evidence. Another pink variety not so generally known but first-class in every respect, is Lucy Evans. This is an improved Viviani-Morel (and that is saying a good deal) improved in color, stem, foliage, and size, and deserves to be better known.

Lady Hopetoun is another fine pink, a

shade lighter than Lucy Evans and fine for a collection.

Dr. Enguchard has been disappointing from an exhibition standpoint, but as a commercial variety it has proved very valuable; easy doer, fine stem and foliage, good color and fair size; like Col. D. Appleton in yellow, it has come to stay.

In yellow F. S. Vallis has been disappointing. It is unquestionably one of the largest yellows, but intense cultivation is necessary, and in most cases it has been shown with a thin or open center—undoubtedly by taking terminal buds—but when seen in its largest form from crown buds it was rough and anything but prepossessing.

Gen. Hutton is large, but not, strictly speaking, a yellow, and has a long, bare neck.

Cheltoni is a lovely flower, a pure yellow, and has fully come up to expectation.

Mildred Ware and Mary Inglis both are disappointing, especially Mildred Ware. With ordinary culture it will not hold its head up, and the color is not of the best. Mary Inglis has been seen in enormous size, but rough and unfinished in the crimson section.

Maynell has been disappointing. It has the same fault as the old Good Gracious variety. The flowers will not keep erect, but topple over to one side. Many claim that this is caused by a weak neck, but the neck is not weak; it is quite stiff, but in its habit of growth it will turn over and will not straighten out, even if staked right up to the very flower.

Henry II., Henry Barnes and S. T. Wright have done well and have been largely exhibited. S. T. Wright shows too much of the reverse to be a good crimson, but this can be overcome for the exhibition stands by dressing (i. e., turning the tips of the florets backwards with a pair of tweezers).

Donald McLeod has won many prizes as a bronze and will be largely grown again.

Ben Wells was somewhat early for the late shows, but it is a first-class thing, winning against all comers as a bluish white or when "any other color" is called for.

Guy Hamilton is a very fine white which has not been much seen, or, more properly speaking, has been overlooked. It has asserted itself this season and will have a good demand.

Mrs. Wm. Duckham, yellow, is an improved Cheltoni and the best thing seen thus far of this year's novelties.

Dora Stevens, as seen at the flower

shows, lacks size. The florets turn up very prettily at the tips, a unique oddity. The color is dull, but many like it; and it will be in fair demand.

J. A. Doyle and Mrs. A. J. Miller are large terra cotta (more properly brick) color. As exhibition sorts they will be in demand, but their color will kill them soon.

Merstham Yellow is an early variety that ought to prove useful as a commercial sort.

Mrs. H. A. Allen is a rosy pink (so styled) but somewhat after the color of Millicent Richardson, only lighter. A large flower but thin in petals.

Emily Mileham, Mrs. D. V. West and Mrs. Swinburne are very good whites, improvements in many ways.

J. H. Silsbury, crimson, and Valerie Greenham, pink, are also good.

Brighthurst, as seen at Madison, exhibited by Peter Duff in 6-inch pots is a fine shell pink of good size and finished flower which looks like a winner.

Many other things have appeared as new but they cannot be called improvements.

Thus the novelty lists in chrysanthemums for once has got down low. The lists will not contain more than twelve varieties and even then it is questionable if they are all improvements over the existing sorts.

As already stated many other things besides chrysanthemums, of interest to the horticultural public, have appeared at the various shows.

At Boston, Mass., a vase of *Nicotina Sanderiana* held forth during the whole of the exhibition. This is the counterpart of *Nicotina affinis* in everything except color, which is a bright cerise pink. It seems to have lasting qualities and there will be a big demand for this for cut flower purposes. TRAVELER.

Dahlia Katharine Duer.

This new dahlia, which originated in Newport, R. I., is remarkable, not only for its size and beautiful form, but also for its intense yet brilliant crimson red color, which makes it very acceptable for vases as well as for general decorations. I am indebted to John G. Gardner for the following historical particulars: Mr. Gardner has grown it for two seasons and thinks it is the finest of its color. The variety was raised from seed by William Allen, gardener to W. R. Travers, Newport, R. I. It was named for Miss Katharine Duer, whose mother was a daughter of W. R. Travers. Miss Duer married Clarence Mackay. The dahlia is of the decorative type, six to eight feet high, long stems; has not been registered, but has taken prizes for table decorations and fancy baskets at the Newport Horticultural Society's shows, also at the Newport Casino show. The past two years it has been in great demand at Newport for table decorations and hunt dinners. Mr. Gardner finds the society people in his neighborhood quite keen after the cut blooms for dinners and decorations during the flowering season.

G. C. W.

ONSET, MASS.—A greenhouse is being erected on the grounds of Nelson Huckins.

FITCHBURG, MASS.—Christian Moeckel has brought suit against the C. A. Cross Company to recover for glass broken at his greenhouses during the gasoline explosion at the company's tanks in March last.

WITH THE GROWERS

Cottage Gardens Company, Queens, N. Y.

A recent visit to the establishment of the Cottage Gardens Company at Queens, Long Island, N. Y., disclosed the tremendous strides made in a comparatively short time in the laying out and extending of what is destined to be in the near future a model nursery. The work of last summer speaks for itself, and when the plans now formulated by C. W. Ward, who has just returned from an extended trip through Europe, where he looked into the systems followed in the leading continental nurseries, are carried out, the Cottage Gardens nurseries will be looked upon as one of the horticultural institutions of the country. Just now workmen are busily engaged in the erection of an immense storage shed, which is an addition to others erected during the summer. The shed is located in the lee of the long embankment, on which is the private railroad spur connecting with the Long



The Late Louis Unverzagt.
(See obituary, page 775.)

Island railroad some distance away. A great many carloads of stock were shipped from the nursery last year, and extended conveniences for storage and shipping have been needed for some time. The contemplated improvements extend also to the greenhouse plant. The office and shipping building are to be torn out and new quarters built for these departments on the lawn opposite. The gap thus made will be filled up by extensions to the greenhouses in line.

With the exception of one or two houses of *Begonia Gloire de Lorraine*, the two acres of glass are devoted to carnations, a product for which the establishment has a wide reputation, and a run through the houses at the present time is worth a long journey. Many of the varieties in culture were originated by Mr. Ward and are consequently seen at home. All the plants in the benches are inside grown, no field grown stock being used in the houses.

The new scarlet seedling Robert Craig, to be disseminated in 1906, and which has been on exhibition at the prominent shows this season, is seen here in the benches in all its glory. Its large flower,

strong stem and vigorous growth single it out at once for more than ordinary notice. Lieut. Peary, a grand white, is another new carnation which attracts attention. Its large, compact bloom and sturdy stem make it easy to predict for it a most successful introduction. Ethel Ward, also a new variety, pink, with a medium large, well formed bloom, full, with high center and exceptionally fragrant, invites one to linger at the bench where it is grown.

Judge Hinsdale, a variegated variety, originated by Mr. Ward, is seen to sustain its reputation as a New York favorite, the stock looking particularly well. Golden Eagle, a beautiful clear yellow edged with pink; Sensation, variegated, white, with salmon splashes; Christmas Eve, a brilliant scarlet; Octoroon, a sturdy, free-blooming crimson; The President, another beautiful crimson, the blooms of which are seldom less than three inches in diameter and usually larger, and Mackinac, a large and beautiful, fragrant white, admittedly a "bread and butter" carnation in every sense of the word, all originated by Mr. Ward, are seen to advantage in the benches. Many varieties originating elsewhere are grown, among them Enchantress, which presents a very fine appearance, and Prosperity, which is quite at home here.

In a house set apart for the purpose are a number of seedlings going through a period of trial to demonstrate whether they are worth taking into commerce or not. This trial period covers four to five years, and with the standard set by Mr. Ward it is a good seedling, indeed, which survives it.

The daily cut from the houses is quite heavy just now, and the Cottage Gardens shipments are conspicuous every morning at the wholesale establishment of John Young, on Twenty-eighth street, in New York. Mr. Ward takes great pride in several large specimens of box trees located around his residence. Some of them, he said, are known to have been there 120 years. He has had many offers to part with some of them, but to no purpose. See page 784.

Pennock's Rosary at Lansdowne, Pa.

One of the successful establishments at Lansdowne is that of Casper and Geo. L. Pennock who have a block of 75,000 square feet of ground covered with glass and given up entirely to the forcing of roses. The range is very compact, the houses being built on the side of a gentle slope facing south. They are built with the short span to the south. The short span is twelve feet, the long sixteen, and the width of the houses twenty-four feet. Although adjoining without divisions each house, on account of the rise in the ground stands enough above the one directly in front to avoid any shading. A low shed running north and south divides the place into two sections, the houses being connected and grading slightly away from either side to insure a drainage in three directions. A battery of three boilers of 200-horse power each, is at the lower end of the shed into which the main steam pipe is carried and continued its entire length underground. Connections are made to all the houses, entering under the doors. All the distributing pipes then become returns following the grade of the house away from the shed end and down the outside edge of the place through the different houses to the boilers. This system works like a charm, there being no stoppage anywhere. About 800 tons of

anthracite and bituminous coal is necessary for the season. This is used mixed, as it is thought the hard coal helps to burn up the smoke of the other. On the day of my visit both the Messrs. Pennock were on duty and Casper, who piloted me around, said the planting had just been finished. Just at that time they were not cutting anything. The first house was filled with American Beauty roses in ground beds.

"We had more faith in Kaiserin for a white rose. We force it until Christmas then slow down and bring it in at Easter."

A second house of Liberty was seen.

"How does this do with you?"

"Pretty well, but we have never felt entirely sure of this variety. I think we can manage it now, however. We had some very nice flowers from this house last season."



PARTIAL VIEW OF THE GREENHOUSES AT COTTAGE GARDENS, QUEENS, N. Y.

"Do you prefer these to beds raised six inches?" I asked.

"Yes, for old stock we do. These we have moved from another house. They have been planted here in fresh soil about three weeks. We lose some but plant in others to fill up."

"Do you find they do as well as young stock?"

"There is not much difference except that they are not apt to crop at the same time as the younger plants, which is an advantage."

Several houses of American Beauty recently planted in low beds about six inches from the ground were next seen. The plants, while vigorous, were less than a foot high.

"Will this not be late getting in?" I asked.

"No, this is all right according to our schedule. We don't care to cut heavily in the early fall and these will be in nice condition for a crop when they are likely to be most in demand. We prefer pretty young stock to start with. We plant fifteen inches apart. The beds are four feet six inches wide."

"Can you force Beauties the third year?"

"We think two years is enough as they seem to get slower with age under our treatment. We force about 15,000 Beauties. Taking the houses through, two-thirds of our stock is on raised beds, as we find them easier to manage during the dull months of winter."

"You have a house of Golden Gate. How do you like it?"

"Fairly well. We thought it best to have a little variety and it sells well when we get enough specials, but there are so many lower grades. It is bad for hot weather."

"How about Ivory?"

An adjoining house of young plants of Liberty was looking well.

A house of three year-old Golden Gate had a strong growth and looked as though it would give an early fall crop.

"Any special preparation of your soil?"

"No. We manure well a good piece of sod and plow it under, and after it is well rotted we break it up and it is ready for use. Good natural soil is important. Ours is a medium clay loam. But you see many successful growers in different parts of the country each having a nat-

ural soil peculiar to his locality and in instances radically different from that of our neighborhood. A good grower gets to understand his soil and waters accordingly. What would be sufficient for one kind of soil would be too much in one place or perhaps not enough in another."

"Do you drain the beds in any way?"

"Some few we do, but our ground falls away so on three sides that we require but little additional drainage. I believe it is best to have the soil well drained. We also believe in giving air whenever possible. Even in quite cold or cloudy weather we like to leave just a little ventilation. Of course in an extreme spell there will be enough filter in through the laps of the glass. Plenty of air gives a better color. We keep down spider with our great force of water. We have at full head a pressure of eighty-five pounds if we want to use it. Black spot is bad when it gets a start; it spreads rapidly and if let alone it means ruin. If seen we go at it at once, picking off all affected leaves. Too much moisture and lack of air will bring black spot. So the best thing is to watch these conditions carefully and not let it get a start."

"Temperature? We keep American Beauty at about 60°, teas at 56° night temperature, varying as crops are off and on. We are careful with our cutting as a great deal depends on how the stock reaches the market. Much depends on the weather."

ROBERT KIFT.

[Publication of the foregoing has been deferred owing to long continued pressure on our space.—ED.]

William Dittmann, New Castle, Ind.

The accompanying illustrations show interior and exterior views of the greenhouse establishment of William Dittmann, New Castle, Ind. Mr. Dittmann has been in business a short time over two years, commencing on a modest scale with two houses, each 25x200 feet. This year he planted much of his space to American Beauty roses and two new houses for this variety have been added, one 16x200, the other 25x200. Much of the stock is yet young but it will be in line for a splendid cut next spring. The condition of all the stock indicates that the



HOUSE OF LIEUT. PEARY CARNATIONS AT COTTAGE GARDENS, QUEENS, N. Y.

young firm is entitled to a place among the progressive growers of this vicinity. The American Beauty house shown in the illustration was planted May 15, 1904, and the photograph was taken on July 25. The exterior view of the houses shows part of the range of the South Park Floral Company in the background. Since the photographs were taken a boiler shed 36x56 feet has been added also a 50-horse power steam boiler.

study it out, but rather plunge in headlong, and often blindly, for fear they be too late. This may appear to be a transgression, or at least foreign to the subject in hand, but it is stated with a desire to prove that in this manner many of the finer things that were known to horticulturists years ago have been almost lost sight of.

To return, however, to *Amaryllis Belladonna*. It was noted with gratification

sparingly until growth commences. The flower spikes begin to come up about September, but they will not flower freely the first year. The sashes are kept on all the time, but are elevated above the frame about twelve inches by a light superstructure to admit lots of air. When the flowering period is over the leaves commence to show and growth is encouraged all winter. The frame must be of a substantial nature, and when the weather gets cold the same care has to be exercised as in the case of violets and other things to prevent freezing. With the advent of warmer weather growth becomes more active and more air is needed. During the summer months growth is luxuriant and the plants at this time are given liberal applications of liquid fertilizer. When growth is complete the leaves begin to turn yellow, and water then must be gradually withheld until the leaves are fully weathered. This is the most important time of all, for upon the thorough ripening of the bulbs depends the future crop of flowers. The sashes are closed down tight and an extra sash is placed on top of the other to prevent burning. Thus they are allowed to remain, thoroughly baking them, for six weeks or two months. The old leaves and top soil for the depth of one and one-half or two inches is taken off and a top-dressing of fresh soil is added. About the beginning of September they are again watered with clear water, the sashes raised and the process continued as before.

Many failures are occasioned by lifting and replanting the bulbs too often. If the bed is thoroughly prepared it will last for years and the bulbs go on increasing. When first planted they may be placed about six inches apart each way and just covered with soil. Of course all this care and attention is more than the average run of our every day kinds of plants require, but in the end you have something very worthy and away from the beaten track.

J. T. SCOTT.

A New Gladiolus.

Doctor Van Fleet in the Rural New Yorker introduces a new, late blooming, giant gladiolus under the name of *G. Quartinianus*, from the mountains of tropical Africa. It produces stalks four to five feet high with brilliant red and yellow blooms. Some flower spikes show twenty-five blooms with five to seven flowers open at one time. These flowers are three to four inches across. He predicts its great value for garden decoration and florists' use.



VIEW OF THE MUNSON GREENHOUSES, DENISON, TEXAS.

The Munson Greenhouses, Denison, Tex.

Among the leading southern growers the Munson greenhouses occupy a leading position, as the accompanying illustrations show. The greenhouses are the result of experimental development. One greenhouse was erected in 1901, another in 1902 and two more in 1904. In north Texas every home-owner can have roses out of doors from April 1 to November 25. Hence the commercial season of supplying flowers from under glass is rather short, from November to March, which makes the cut flower business in the south among smaller towns rather venturesome. Denison has 15,000 population, but the Munson establishment has developed cut flower trade by "education" for all small towns within a radius of fifty miles and farther up in the Indian Territory, Denison being on the border between Texas and the Indian territory.

The Belladonna Lily.

The group of plants belonging to the natural order *amaryllidaceae* have given us many striking and beautiful things in recent years. Especially is this true of the family *hippeastrum*, generally but erroneously called *amaryllis*. The true *amaryllis*, the *Belladonna* lily, has largely been lost sight of. The *hippeastrums* have given us greater variety and they would seem to be more adapted to the present day rush of horticultural operation. Anything that can be grown outdoors in summer with little care, that can be lifted from the open ground in the fall and thrown under the greenhouse bench or on the top of the boiler; that can be repotted at convenience and flowered at will, strikes with force the commercial spirit of the age. This commercialism has a fascination which more or less rules the every day ranks; or, to put it in other words, men very much resemble silly sheep, when the first one of the flock jumps a wall the others blindly follow. The pace in this commercial race is so furious that men seeing an innovation scarcely take the time to

on a recent trip to Newport that this old favorite can still be grown to perfection, and when in perfection there isn't another *amaryllis* that can compare with it for beauty or usefulness. Paul Volquardson, gardener to Mrs. Wells, of Newport, has a quantity of this beautiful lily growing in an open frame outdoors. The flowers are a lovely shade of pink, self-colored throughout, borne on long stems and coming up in endless profusion. When cut and mixed with maiden hair ferns there is no flower—not even an orchid—that will lend itself more charmingly for a decoration of any kind.

The writer struggled with this subject years ago with uncertain success, but Mr. Volquardson seems to have mastered its eccentricities, and his *modus operandi* is cheerfully given. The bed is thoroughly prepared by digging out everything down to the subsoil, and six inches or more of rough rubble and stones is placed in the bottom. About twelve inches of rich turfy loam is put on the top of this. The bulbs are planted in July and watered



ANOTHER VIEW OF THE MUNSON GREENHOUSES, DENISON, TEXAS.

CHRYSANTHEMUMS

Growing Exhibition Blooms.

(Paper read before the Kentucky Society of Florists by Anders Rasmussen.)

For the small growers to compete with the large ones with reasonable assurances of success it is necessary to adopt different methods from those pursued where thousands of one variety are grown. With ordinary culture it is always possible to select 25 or 50 perfect flowers out

Watering should be done carefully until the plants get a good start. You will want to get your tying material ready at once. We stretch No. 16 galvanized wire about three feet above the plants and lengthwise, one for each row, with supports every sixteen feet, the supports well nailed to the sides of the benches. For stakes we prefer the common southern cane six feet long, and tie these to the horizontal wire, using a good, heavy twine, for a mammoth Eaton or Appleton on a six-foot stem requires a great deal of support. You must never neglect

should be done when they are from three-quarters to an inch long. Selecting the bud requires some judgment, some varieties doing best on crown bud, others on terminal. The lateral bud does not, as a rule, give as perfect a flower as the foregoing. We prefer to do the disbudding, or, rather, select the bud when about as big as a pea, so you can see if it is perfect or not; if not perfect it should not be retained. A perfect lateral bud will give a better flower than an imperfect terminal, and the former should be selected. As to which varieties do best on crown or terminal bud consult the catalogues from the leading chrysanthemum growers. When the buds are set and all side shoots pinched out greater care should be taken in watering, as the flow of sap goes nearly all to the bud, and I believe watering at this stage is the cause of the petals on the flowers of some varieties burning, notably, the reds and pinks, which as a rule are not as strong growers as the whites and yellows. The worst enemy of the chrysanthemum is the aphid, both green and black, and these must be kept in check at all times. For the young plants nothing is better than fine tobacco dust thrown on the plants, and when on the benches smoking with stems, this should be faithfully attended to right up to the time the buds show color, and if you have clean plants at this stage it should not be necessary to smoke during the interval until cutting time.

We cut the flowers when the center petals have nearly opened and before fully expanded with as long stem as possible, and leave the cane stake tied to the flower to prevent breaking in handling. We leave it until ready to place the flower on the exhibition table; place the flowers in water about a foot deep in a dry cellar of about 45° to 48°, change the water every second day and cut about an inch of the stem. The flowers will keep on improving for five to six days, and no flower should be shown which has not been in water at least twenty-four hours before shipping. If the flowers are to be shipped to a distance use boxes about six feet long by two wide and two deep; line well with newspaper and, last, one or two layers of wax paper; nail three strips across the box about four inches from the bottom, one in the center, one about a foot from each end, taking care to use a thin nail that can be easily pulled out.

of 1,000, but when the same amount has to be selected from 100 plants extra care in selecting the stock is necessary. In the fall procure plenty stock plants of those varieties you expect to grow, and keep them in a light, cold greenhouse, and not under the benches, until about January 1. Then give them about 48° to 50° and plenty ventilation; by March you should have a good supply of strong, sturdy cuttings. We will suppose that you contemplate to compete in a class for 25 blooms of one variety; put in the sand 200 cuttings; when rooted, which takes about three weeks, pot them in good, rich soil in 2-inch pots; you should, with fair success, have at least 175 well rooted ones out of the 200; put them in the lightest place you have and in a temperature of about 50°; this, in fact, will be about right, with plenty ventilation during their growing season.

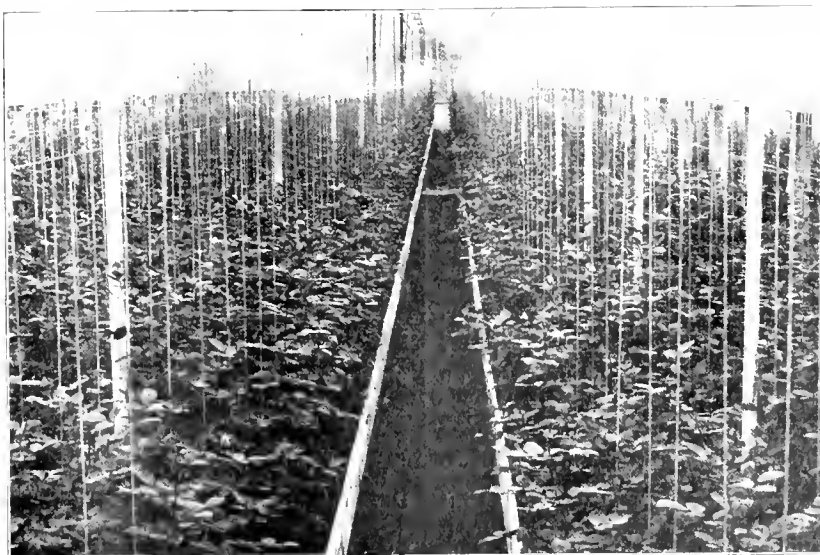
When ready for a shift select the 150 strongest plants and pot them into 3-inch, using a little heavier soil than for first potting; by May 1 they should be strong, stocky, well-rooted plants. Any house that has a tight roof, with plenty ventilation and at least 6 feet head room, will grow good chrysanthemums. I prefer benches to solid beds. Have the benches not more than four feet wide; you cannot pinch out the side shoots, disbud and tie up without breaking the foliage if wider. We use two parts of a good, medium, heavy soil to one part of half rotted cow manure, and about 100 pounds finely ground bone to 1,000 square feet of bench space, spread on the beds five inches deep; when settled by watering it will make about four inches. Now select the best 100 plants of the 150 and plant four rows on the bed and one foot between the plants in the row. This distance to plant may seem too great, but it will insure that stocky, robust growth which is essential to the best development of the flower. Plant the different varieties in batches so that the taller growing ones do not shade the dwarf.

the tying so as to keep the stem straight. In close competition an imperfect stem has often lost its owner the blue ribbon. When the buds are set cut the stake right under the bud so it will not interfere with the flower expanding. Of course, make all your ties loose so as to allow for the plants' growing. About June 15 we give a top dressing of air-slacked lime, about one-half bushel to 1,000 square feet, and about one inch of well decomposed cow manure. When the buds are set give liquid manure. We use a mixture of cow and chicken manure, not too strong, and apply it twice a week, and about this time we also give a top dressing of bone and blood phosphate. When the buds begin to show color manure water is withheld entirely.

Pinching out the side shoots should be attended to at least twice a week, and



GREENHOUSES OF W. B. DITTMANN, NEW CASTLE, IND.
(Houses of South Park Floral Company in rear.)



HOUSE OF AMERICAN BEAUTY ROSES, AT W. B. DITTMANN'S, NEW CASTLE, IND.

Lay your flowers with the heads to the ends and with a piece of cotton between the stem and the strips, then tie them to the strip with some soft tying material, then nail on three more strips, taking care not to crowd the flowers. Repeat the operation until the box is full. Furnish your box with handles so as to be handy for the expressman; it will do more to insure good care than all the printing you can put on the box. If you have followed these instructions, from the stock plants to packing, you can be reasonably sure to have twenty-five flowers to put on the exhibition tables that you do not need to be ashamed of, even if you do not capture first prize.

Chrysanthemum Easigold.

Easigold originated at the Riverside Greenhouses, Auburndale, Mass., four years ago from seed of J. E. Lager. It has the same sturdy growth and healthy foliage as its parent. The shape of flower is shown in the illustration, which does not fairly represent the exquisite finish of the petals, the bloom having been somewhat bruised in shipping to photographer. The flower photographed was grown two to the plant and one of the strong points in favor of Easigold is its being able to mature three or more perfect flowers to the plant. Its season is October 8 to 12 and at that time there is nothing to compete with it as a commercial yellow. The name was suggested by its ease of propagation, easy growth and ease of selling.

THE EXHIBITIONS.

Exhibition at Manchester, Mass.

The annual chrysanthemum show of the North Shore Horticultural Society was held in the town hall of Manchester November 10 and filled the tables and floor space of the hall with a beautiful display, the product of the many gardeners of the several summer places that adorn the north shore of Massachusetts. The blooms shown were grand and certainly rivaled those of the shows in the larger cities, and the plants, while not so large as those shown in Boston, were a credit to the growers. R. C. Hooper, William Swan, gardener, made a very large display, competing in many classes, and the blooms were exceedingly well grown and staged. The display of orchids by this exhibitor on the stage was a most worthy exhibit that attracted a deal of attention from the liberal attendance of the show. G. N. Blake, Axel Magnusson, gardener, was another exhibitor, taking first prize on chrysanthemum plants and winning in the carnation competition. The 6-inch pot plants grown to single stem were exceedingly fine and the competition close. A beautiful specimen of *Dicksonia* (*Cibotium*) *Schiedei* filled one corner of the hall and was awarded first premium. It was exhibited by G. W. Blake. The table of chrysanthemum blooms entered by Philip Dexter, James Salter, gardener, was so artistic an arrangement of medium sized blooms that the judges created a second prize, which they awarded to it, the winner of the first premium showing blooms of excellent quality.

The carnations shown were of excellent quality, and Miss M. W. Pierce, D. J. Kerrigan, gardener, exhibited a seedling that showed great promise. The judges who officiated were J. L. Porter, of Wen-

ham, C. E. Allen, of Gloucester, and George Frazier, of Prides.

Following are the awards:

Six plants, four varieties, first, G. N. Blake; Mrs. A. G. Thayer, James McGregor, gardener, second.

Six plants in 6-inch pots, one bloom, Mrs. A. G. Thayer, first; Mrs. R. C. Hooper, second.

Cut blooms 12 in one vase, Mrs. J. M. Masury, Thomas Waldie, gardener, first; Mrs. R. C. Hooper second.

Three blooms in one vase, Miss M. W. Pierce.

One bloom, Mrs. W. B. Walker, Thomas Jack, gardener, first.

Three blooms, yellow, Mrs. W. B. Walker, first; Mrs. J. M. Masury, second.

Three blooms, pink, Miss M. W. Pierce, first and second.

Three blooms, white, Mrs. R. C. Hooper, first; J. Masury, second.

Three blooms, red, Miss M. W. Pierce, first; Mrs. R. C. Hooper, second.



Chrysanthemum Easigold.

Best display of chrysanthemums filling society's table, Mrs. R. C. Hooper, first; Philip Dexter, second.

Best display of chrysanthemum plants, G. N. Blake, first; A. G. Thayer, second.

Carnations—Best vase of white, G. N. Blake, first; C. D. Sias, J. L. Porter, gardener, second.

Best vase of Mrs. T. W. Lawson, C. D. Sias, first.

Best vase of Enchantress, C. D. Sias, first; Miss M. W. Pierce, second.

Best vase any variety, Mrs. J. M. Masury, first.

Best vase mixed, G. N. Blake first; C. D. Sias, second.

Twenty-five foliage and flowering plants, Mrs. A. G. Thayer, first.

Violets—Best bunch of Lady Campbell, Mrs. H. L. Higginson, Joseph Clarke, gardener, first; Mrs. S. V. R. Crosby, Joseph Lipmann, gardener, second.

Best bunch Marie Louise, Miss Loring, Cornelius Murray, gardener, first.

Best bunch of Princess of Wales, C. D. Sias, first.

Best collection, Mrs. H. L. Higginson, first.

Exhibition at New London, Conn.

The first annual exhibition of the New London-Groton Horticultural Society was held at New London November 21 and 22. Many rare plants were shown. Among the exhibits were several new hybrid plants, which will be named and put on the market next year, several new ones which have appeared this year, and many which are not to be found in any New London greenhouses or conservatories. Prizes were offered only for house grown plants by amateurs and for vegetables, so that all the other exhibits were made chiefly to help the New London and Groton Horticultural Society.

The entire center of the hall was taken up by a mass of banded palms, dracenas, tree ferns, carnations, chrysanthemums, marguerites and other plants. These were from the greenhouses of Morton F. Plant at Eastern Point and were shown by Superintendent Thomas W. Head, who is president of the New London and Groton Horticultural Society.

Another exhibit was that of W. A. Manda, Inc., of South Orange, N. J., which included tree ferns, orchids, stag's horn ferns, a beautiful novelty, foliage plants, dracenas, some of the varieties of which are new hybrids and very pretty, and variegated pineapple plants.

Lager & Hurrell, of Summit, N. J., had a large display of orchids, containing some of the most rare varieties.

Julius Roehrs, Rutherford, N. J., sent a display of orchids, including specimens of oncidiums, cattleyas, cypripediums and dendrobiums.

The Cottage Gardens, of Queens, N. Y., showed carnations, including vases of the Lieutenant Peary, Judge Hinsdale, Ethel Ward, Octoroon and Robert Craig.

The Cohanzie Carnation Company showed Carnations Imperial, Enchantress and Queen, also narcissus.

The estate of G. Gudeldig, of Norwich, had a pretty showing of chrysanthemums, cyclamens, baby primroses and Boston ferns.

John Maloney, gardener for C. S. Guthrie, at Pequot, showed two handsome Boston ferns.

The remainder of the exhibits were entered for the prizes offered. One of the exhibits was of vegetables for a special prize offered by President Head, of the New London and Groton Horticultural Society.

Massachusetts Horticultural Society.

The annual exhibition of the children's herbariums was held Friday and Saturday of last week in the lecture hall and the loggia of Horticultural hall, both of which were filled with exhibits. The number was in excess of that of any previous year and the quality of the work exhibited was very high. There was a large attendance by the general public during both days of the exhibition, school teachers with their pupils being particularly in evidence. Austin W. Cheever, of Mattapan, exhibited a large collection of flowers, grasses, sedges and ferns, and the novelty of the show was the collection of mosses and lichens exhibited by Dudley and Dorothea Clapp, of Dorchester, and Olive L. French, of South Framingham. Prizes were awarded as follows:

| | |
|-------------------------------------------------------------------------------------|---------|
| Austin W. Cheever, of Mattapan, flowering plants, grasses and sedges and ferns..... | \$13.00 |
| Olive L. French, of South Framingham, flowering plants, lichens and sedges..... | 7.25 |
| Louis A. Leavitt, of Ayer, flowering plants and sprays of leaves..... | |

| | |
|---------------------------------------------------------------------|------|
| Dudley Clapp, of Dorchester, mosses..... | 5.75 |
| Gladys Mason, of Groton, flowering plants, ferns and mosses | 5.50 |
| Ruth W. Fisher, of Ayer, flowering plants and sprays of leaves..... | 4.75 |
| Hazel Irwin, of Ayer, ferns and sprays of leaves..... | 4.75 |
| Edna Chaffin of Ayer, flowering plants.... | 4.25 |
| Mabel Sargent, of Ayer, flowering plants and sprays of leaves | 4.00 |
| Florence Webster of Haverhill, ferns..... | 4.00 |
| Una A. Chaffin, of Ayer, ferns and sprays of leaves..... | 3.50 |

up to the mountains, on any excuse, for he is a fair fighter in any game, as well as an impartial and conscientious judge. I understand that now he fills a large suit of clothes as well as a tender spot in the hearts of his friends.

Last winter, away down in Virginia, I nearly collapsed on meeting a negro jubilee singer wearing the rose emblem and button of the Lenox Horticultural

MARKET GARDENS.

MUSHROOMS are in good demand in St. Louis and Hot Springs.

THE yellow hearted celeries are most in demand, white not cared for.

THE Rocky Ford cantaloupe business is in bad shape. Growers had to cull melons very closely and their crop netted them only about 30 cents a crate.

MICHIGAN continually requires new soil to grow celery. Jackson, Tecumseh, Manchester and Adrian are now good shipping points while Kalamazoo is losing ground.

Fruits and Vegetables at Philadelphia.

As usual there was a creditable display of vegetables at the annual exhibition at Philadelphia November 8 to 12, brought out mainly through the liberality of the seed firms. Fruits were very little in evidence. A few pears, apples, quinces and grapes were shown but nothing worthy of special mention. A variety of apple called Folley Watter was an interesting contribution to the small display. W. Atlee Burpee & Company had a fine display of all kinds and conditions of gourds, squashes and pumpkins from their South Jersey experiment station. This proved one of the features of the show and was surrounded most of the time by admiring citizens who seemed to realize for the first time how many kinds, shapes and sizes the frost might visit "when the frost is on the pumpkin and the bloom is on the rye." Henry A. Dreer also had a fine collection of the pumpkin clan on their stand, prominent among them being a big Valparaiso squash weighing 137 pounds. There were premiums offered for big squashes but none of them came up to this Valparaiso.

The premiums offered by Henry F. Michell Company brought out a good display which covered two tables. The striking features were the Jersey yams,



POTATO STATE OF MAINE AT PHILADELPHIA EXHIBITION, NOVEMBER 8-12.
(Exhibited by H. S. Hopper, Narberth, Pa., John Dodds, gardener.)

| | |
|----------------------------------------------------------------------------------|------|
| Dorothea Clapp, of Dorchester, lichens.... | 3.10 |
| Anna R. Mann, of Norfolk, flowering plants | 2.25 |
| Henry L. Brown, of Ayer, flowering plants | 1.50 |
| Elsie Bailey, of Groton, flowering plants.... | 1.25 |
| Marion L. French, of South Framingham, flowering plants, sedges and lichens..... | 1.25 |
| Henry G. Holbrook, of Norfolk, flowering plants | 1.25 |
| Barbara Williams, of Newton Highlands, flowering plants | 1.25 |
| Edna C. Brown, of Ayer, flowering plants | 1.00 |
| A. Belle Munroe, of Groton, flowering plants | .45 |
| Margaret Cleary, of Groton, flowering plants | .35 |
| Alice Woods, of Groton, flowering plants.... | .35 |

H. P. S.

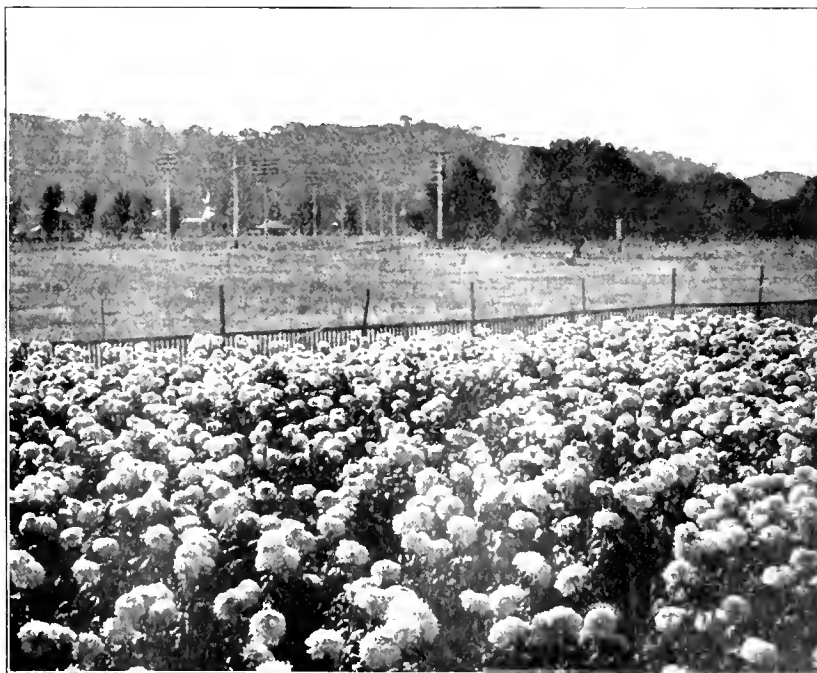
Society. He would not tell me where he got it, and I would therefore warn the members against selling or pawning this button, for one knows not into whose possession it may drift, perhaps to the jeopardy of the society. OAKSON.

WACO, TEX.—The success of the flower show recently held here, in attracting visitors to the city, has caused the merchants to inaugurate a movement for a larger show next year in connection with which a carnival may be held.

The Lenox Horticultural Society's Show.

Once upon a time—in the last century—I was a member of the above society. Glad was I to find upon reading your report of above show, in your issue of November 5, that the members continue to be up and doing, living up to their past reputation as advanced horticulturists, with the knack of progress and originality in their exhibitions. I know what the Lenox shows are very well—have been there. When they undertake to do anything they do it with a vim and show such enthusiasm as I have never seen approached anywhere else. Of course, I have not yet visited Chicago, but have been around some, and to say the Lenox boys are up-to-date is not enough. They are leaders in the quality of their productions, whether of the farm, garden, or hothouse. The finest orchids, roses, chrysanthemums, forced grapes, peaches, strawberries and cider can be found there any year.

It is pleasant for a "has been" to see the old names still prominent. Some, however, are missed. I never thought it possible that Mr. McConachie could move from the base of Baldhead mountain, believing him a fixture. It is a prominent trait of the members that they never forget old friends. Besides, they appreciate the fact that it is an inspiration to have such as Meredith come



CHRYSANTHEMUM FIELD OF MISS BESSIE MARCH, SOUTH PASADENA, CAL.

sweet potatoes, cauliflower and mangels. Dodds carried off the first prize for State of Maine potatoes with a clean well grown lot very true to type. The main point in a potato is of course its cooking quality, but strangely enough this is the one feature that is never taken into consideration in awarding the prize. How can they judge a potato without first cooking it? Will Messrs. Gardner, Burpee, Dreer and the rest of the judges please tell us that?

Conspicuous on the H. Waterer table was a fine lot of Bloomsdale spinach from John Little. Sam Hammond took first in lettuce with a splendid showing of Big Boston. One exhibitor had the temerity to put up an entry of Michell's All Right on this table but for some reason it did not get a prize, although it looked pretty good. Robertson got first for Drumhead cabbage and they were fine, as fine as any in the show and the cabbage family were in great fettle this fall and out in force. Cauliflowers were also good on this stand, the first going deservedly to James Lawder.

On the W. Atlee Burpee table most of the theories were very good and uniform. Tom Holland got first with Brittle Ice and Eclipse Cos lettuce; the prize for Black Beauty egg plant went to McCleary and R. J. Morrow carried off the honors from seven competitors with a good showing of Early Model beet. Burpee's Globe onion was well shown by Sam Hammond. It is the same shape and color as the Danvers Globe, but much larger, although not as large as Prizetaker. J. Hurley showed the new Vermont Gold Coin potato and was awarded the first premium as was also John Little for three splendid heads of cauliflower. John F. Sibson had some fine Rochford's Market cucumber on this table—about the only exhibit of this fine variety in the show. Dan Neely deserves a note for his fine showing of White Box radish, beautiful specimens.

For the Henry A. Dreer premiums there was keen competition and some very creditable entries. Celery, cabbage, leeks, beet, lettuce, turnips and potatoes were all well contested. Dreer's Prizetaker leek shown by W. Robertson was extra fine and the mushrooms of John Little were the best in the show. The latter exhibitor's showing of Dreer's Snowstorm cauliflower was also very good. Spanish cardoon was shown by two exhibitors and had more questions fired at it by an inquiring public than the wogglebug could answer in a week. Henry F. Michell Company had a good display of bulbs and sundries on the side of the hall arranged with taste by Philip Freud, who it is said was also responsible for the mushroom cave exhibit of that firm. The latter item was quite a feature of the show. Henry A. Dreer had the whole of the south wall for his bulb and sundry display. Mr. Hurley was in charge and did himself proud.

G. W.

Greenhouse Heating.

ED. AM. FLORIST:—How many 2½ inch return pipes will it take to keep a greenhouse 16 feet wide up to 60°? How many pipes to hold up to 50°? We use a hot-water boiler. The side walls will have 16-inch glass and the rest will be dug in the ground.

E. P. G.

There will probably be about 22 feet of glass in the roof and sides of the house. This will require about ten runs of 2½ inch pipe to heat it to 60° and eight runs for 50°.

L. R. T.

THE RETAIL TRADE

BE ready with smart baskets, hampers, pot covers, ribbons, etc., to catch the Christmas trade of those who want to celebrate the yuletide and have the money to pay for it.

Parlor Wedding Decoration.

The illustration shows the main features, which were the mantel and chandelier under which the ceremony was performed. The mirror was completely covered with roses and greens, so there could be no reflection, as to see one's self at this important moment is an omen of bad luck. The chandelier formed the canopy, and from it was suspended a profusion of white roses. There were pier glasses at either end of the room, which were also decorated with choice flowers. The ribbons were stretched just before the bridal party entered, so that the assembled company should be kept within bounds. K.

New York Stores.

Already the first signs of the Christmas trade show themselves in the retail stores. Brower is the first to decorate the window with goods for that season, having hung Christmas bells, and besides he has given a further touch of warmth by a display of bright red tropæolum. The effect of the window as a whole is quite distinct from that seen in the other stores. A feature was also made of the wallflower.

T. Young, jr., in his Fifth avenue store has a large showing of calanthes.

Wadley & Smythe feature the camellia, which is an indication of the return to favor of this old-time favorite. It is cut with plenty of wood and so has the desirable stem which the camellia ordinarily lacks. The variety in favor is a large flowered white.

Alex. McConnell has his window filled with the new dwarf Chrysanthemum Baby, which Robert Craig is introducing. Its clear, bright color, the neatness of the flower, and the very compact habit make this a most desirable plant for decorative purposes and the merits were fully set forth in McConnell's window. It is also received well for table decorations.

Thorley features azaleas, having some fine small pyramids in red and white varieties. An arrangement of these with Adiantum Farleyense banked solidly made an attractive feature.

Azaleas are beginning to show up in small numbers in some of the other stores and the stock is all that can be desired at this season.

Poinsettias are showing up; the first store to have them in quantity as a display was Warendorff's. Since their first appearance they have become quite commonly distributed, although not very numerous in any one place.

Siebrecht & Son make a holiday tone with the berried branches of holly. They also have *Lælia autumnalis*.

Stump's window scheme is very rich in its effect. The *Ponderosa* lemon, crotons, Rex begonias, *Erica melanthera*, and sundry orchids, including *zygopetalums*, are seen here.

Fleischman has had a series of tasteful baskets during the week. They have been simple in style and effective and pleasing. One in particular was an arrangement of a bunch each of American Beauty roses and white marguerites, set side by side.

Hanft Brothers have a special display of berried solanums, with cyclamens and a general line of seasonable decorative plants.

Erica hyemalis is seen with McDonald.

New York.

A newcomer to the business next week will be the Flower Market Company, which will open at Forty-fourth street and Fifth avenue in a self contained building now approaching completion. The project emanates from retail circles, and within the scope of its plans is the absorbing of superfluous stock, which at the present is distributed through less profitable sources. Upward of twenty-five growers are already pledged to use the new market as a distributing medium, and with the retail features of the business the trade is to be headed to a practically new departure in the market. In an interview with the president of the company he said: "I want it expressly understood that this is in no way an attempt to get beyond the middle man. We have nine prominent retailers associated with us, and the demands of their respective establishments will be a nucleus of our business." Just what other plans are being considered cannot be forecasted, but that some new feature is to be presented to the trade is quite certain. The premises are about ready for occupancy, and will be opened the latter end of next week. The ground floor is being furnished with marble counters, and metal sidewall decorations, and the possibilities of mirror effects are not being overlooked. A prime feature of the enterprise is the fact that "cash" is to dominate the business. The personnel of the company is made up of the following: President, Joseph Fleischman; secretary and treasurer, D. B. Van Dervere. In the managing board these officers act with Herman Warendorff.

Violets experienced a very decided slump on the eve of Thanksgiving, and prices fell away from the high figures which had prevailed in the beginning of the week to nothing at all, and quantities of flowers were left on hand on Wednesday night. In other lines the market has not shown any unusual disturbance. Roses continue to arrive freely in the ordinary grades and they clear out well so far as the quantity is concerned, and the same is true of other things. The volume of trade done is very satisfactory, there being a great consumptive power, but in the face of heavy arrivals the prices realized do not advance. Some fine long stemmed American Beauty roses have lately been arriving in fair quantity and they have been freely taken by the Broadway stores. Other roses hold their own as before, and a continued improvement in quality, which is marked, is not accompanied by advanced prices. Carnations of the better grades move more easily, as do other lines as the chrysanthemums shorten up. These last are not by any means done as yet, but they are greatly diminished in supply. Orchids are scarce but some very good *Cattleya labiata* have been received. The Paper White narcissus is coming more freely each day and numerous odds and ends find an opening as the autumn queen peters out. A look through the retail stores shows the transition very plainly. Sweet peas, of which but very few have been arriving hitherto, are improving and Guttman is handling a nice line of them.

The auction sales at both Cleary's hall

and at Elliott's rooms have continued this week and business has been fairly good. There is a brisk demand for roses and although these are offered in large quantities they are sold at reasonable prices and indications are for good sales in the future. Other kinds of stock are inclined to drag and the prices realized on ordinary plants in pots, such as palms, ferns, etc., are not over brilliant. The attendance at the sales is good, but bids are not easy.

Florists' supplies will form the feature of the Florists' Club meeting December 12. Ribbons, sundries of all kinds, with special reference to the holiday trade, will be on exhibition. This is an entirely novel feature, and will undoubtedly draw a good attendance. The house committee is arranging a cordial reception for that evening Chairman Nugent has under cover a surprise packet that will afford comfort to the boys. It is also election night, and a gay time is on schedule.

The committee of awards of the New York Florists' Club visited the establishment of Guttman & Weber, at Lynbrook, L. I., on Monday of this week to inspect the stock of the Victory carnation. It was a bitterly cold day, but material comforts were not wanting and a pleasant outing resulted.

At Bloomingdale's greenhouses quantities of flowers are used each day, but a specialty of the business done is in fern dishes. The extensive greenhouses on the roof are worthy a visit. They are well stocked with plants of all kinds and are fine structures worthy the name of greenhouses.

At the Iselin-Jay wedding on Tuesday the floral decorations were made up of white chrysanthemums. The aisle was a mass of these flowers, a veritable lane, and the demand on the street Tuesday morning for white chrysanthemum stock is explained.

John T. Withers has assumed the duties of manager of the Shattemuc nurseries at Barrytown, N. Y. He at the same time continues his office at 1 Montgomery street, Jersey City, N. J., where he is established as a landscape gardener and architect.

Herman G. Kretschman, of West Nyack, is getting the sympathy of the trade on account of the fact that Mrs. Kretschman has just undergone a serious surgical operation, and though successful, she is not yet out of danger.

Louis Hanson, of Secaucus, N. Y., expects to have upward of a quarter of a million chrysanthemum plants for next season's trade.

Wm. Ghormley is receiving some very fine poinsettias, Florida grown.

Young & Nugent are showing the first arrivals of white lilac.

Jacob Hauck, of Secaucus, is building a range of houses.

Visitor: President Phil. Breitmeyer, Detroit, Mich.

Chicago.

Business is very good and stock is scarce is the local situation in a nutshell. The heavy Thanksgiving week demand had the effect of reducing everything to the lowest level and growers cut their crops remarkably close, with the result that the better grades of roses and carnations are now a little slow in arriving. Practically every dealer reports an increase in Thanksgiving business over last year, and the prices realized compare very favorably with former years. While there is now about enough stock in all



PARLOR DECORATION FOR HOME WEDDING.

lines except chrysanthemums to meet the every day calls, yet an unusually heavy order will send the dealer to his neighbors to help him out. American Beauty are in fair supply and are well taken care of. More could be disposed of without difficulty. Carnations are improving day by day, and the demands keep the better grades well cleaned up. Enchantress and Lawson have never been seen in finer shape for this season of the year. The demand is running mainly to the fancy grades. All prices have an upward tendency, in carnations as well as roses. Chrysanthemums are fast disappearing, although some fair blooms are still to be had, and several dealers say they will be able to supply their customers for Christmas. Considering the conditions the chrysanthemum had a good season, and few were thrown on the dump at any time. They came several weeks earlier this season and will leave relatively earlier. Violets, double and single, are coming from the east in improved quality. The annual glut of bulbous stock has been started. Growers are already practically inundated with it and are trying to dispose of it at ridiculously low figures. Roman hyacinths and Paper White narcissi do not take with much favor. Everything seems to be roses and carnations. The retailers report a steady business, funeral work and Thanksgiving decorations having been their main hold for several weeks.

At the auction sale of the stock of the Chadwick greenhouses, Monday, W. H. Johnson, a real estate dealer, purchased the entire stock for \$425. The new owner is an amateur who has taken a fancy to orchids, of which the stock mainly consisted. He is without greenhouses at present but intends building. Supt. Warder, of Lincoln park, was a bidder against Mr. Johnson, but he stopped at \$400. The stock was offered in a lump, about a dozen people being present.

The new cooling room at A. L. Ran-

dall Company's has been completed and is in operation. It is 9x18 feet and has ample shelf and floor space to accommodate large consignments of blooms. One large window opens into the room giving plenty of air, ventilation and light.

The annual work of the Chicago Flower Mission, of distributing flowers, fruits and delicacies, took place on the day before Thanksgiving. The distribution was made from the headquarters, 26 Van Buren street, and many thousand blooms were given away.

At the recent American Federation of Labor convention in San Francisco John Mangan, representative of the Gardeners' and Florists' Union of Chicago, was seated despite protests, he being sustained by a vote of 7,652 to 7,354.

Capt. Schuenemann, of the Northern Michigan Evergreen Nursery, is disposing of large quantities of wreathing and green from the schooner George L. Wrenn at the foot of the Clark street bridge.

Wietor Brothers will have large quantities of chrysanthemum stock plants this season. Next year they will probably increase their chrysanthemum space.

The E. F. Winterson Company is well in line with the usual supply of green, holly, wreathing, etc., for the holiday trade.

Vaughan's Seed Store received its first carload shipment of holly this week. Smaller lots for Thanksgiving found quick sale.

Claims of existing glass trust, rebates, etc., were indulged in during recent local court proceedings.

Weiland & Risch have Bridesmaid roses which nearly give American Beauty a good race for size.

J. B. Deamud is the wild smilax man. His orders indicate a healthy demand for this line.

L. Baumann & Company have several meritorious holiday novelties in the supply line.

Bassett & Washburn report an early

strong demand for chrysanthemum stock plants.

J. A. Budlong is cutting Bride and Bridesmaid roses which excel in size and color.

The Flower Growers' Market is expecting a thriving Christmas trade.

Percy Jones, of the market, still has good quality chrysanthemums.

Brick bark goods at E. H. Hunt's are seen in almost infinite variety.

Visitors this week were N. Bommersbach, Decatur, Ill.; W. T. League, Hannibal, Mo.; Wm. Bentzen and wife, St. Louis, Mo.

Philadelphia.

With the glass down to 18° we have had our first real touch of winter. This occurred Sunday night, November 27, and all day Monday the temperature was below the freezing point. Thanksgiving week saw everybody busy, and all the good and medium stock was used up. Quantities of chrysanthemums were sold at good prices. Robert Craig & Son had a splendid lot of yellow Eaton, which were in great demand and were easily the largest yellow in the market. W. K. Harris was also in it with his Dear Friend, another fine light yellow. These, with white and Yellow Jones, Maud Dean and Dorothy Faust, were the leaders. Golden Wedding and white Eaton also sold well. Golden Wedding is a fine one, but for some reason is not popular with the growers. American Beauty roses, in spite of their high quality, seemed to hang fire, at least they were to be had at all times, particularly the specials. They held firm at from \$3 to \$4 per dozen and were fairly well cleaned up; medium lengths, at from \$1.50 to \$2.50, sold better. Some growers say the crops will be short at Christmas, but the early December sky is generally clouded with such rumors, which somehow seems to clear away about December 24. Although there was a great scramble last year there were scarcely enough to go around. Liberty have moved up to \$15 for the best, which are, however, very fine. Bride and Bridesmaid are also in fine shape and have sold as high as \$12 for a few extras. Kaiserin are taking a back seat, as the buds are bullheaded and off color. Carnations are still progressing, particularly Enchantress, Lawson and Prosperity. These are now fine, and there should be grand flowers of these kinds for the holidays. Violets are sold up close at 50 cents to \$1 for the singles and \$1 to \$1.50 for the doubles.

Harry Faust's houses of his new white chrysanthemum, Dorothy Faust, are worth going miles to see. The plants are set seven inches apart each way and each plant carries two flowers. As seen over the top, the flowers appear a solid mass of white, and such a white! It is the purest of them all and will easily hold until Christmas. Fred Ehret handles the crop. Adiantum Croweum, as done here, is easily the best in town.

The Leo Niessen Company was much pleased with its business of last week. Both the local and shipping trade exceeded expectations. Bevis & Son and George Campbell are sending them extra fine Bride and Bridesmaid, while George Burton's American Beauty are unmatched and readily command top prices.

Habermehl's cut flower shop, in the Bellevue-Stratford hotel, was opened last Wednesday. There still remains some fixing up to be done, but this will follow as fast as the mechanics of the building

are out of the way. John Wilson will have charge.

The Philadelphia Wholesale Flower Market was a busy place last week, and Manager Meehan says they cleaned up very well. They were strong on violets, with a few gardenias on the side.

The Philadelphia Cut Flower Company is getting in some grand carnations. The firm will have a full line of Christmas greens, which now seem to be a part of all the wholesale stock.

Eugene Bernheimer has returned from a trip through the western part of the state. He says he found Thanksgiving day business had been very good.

Pierson, of Cromwell, Conn., is sending some extra fine chrysanthemums to this market. They readily command \$5 per dozen wholesale.

The Millbrook Lea Greenhouse Company is sending in some fine Lord and other choice carnations to W. J. Moore at the market.

The Flower Exchange people say they find an excellent market for their Queen Edgely roses in Boston, where prices are gilt edged.

Berger Brothers are receiving some fine Bride and Bridesmaid roses.

K.

Boston.

The market has at last shown a better tendency and prices have taken an upward move all along the line. This due to the extra trading Thanksgiving day and to the fact that chrysanthemums are now fast disappearing. Violets have been selling well. Carnations were strong. White carnations, however, seem to have been somewhat too plentiful, and the supply has exceeded the demand. Chrysanthemums now being brought in are not of good quality. The Thanksgiving day trade was chiefly in the line of yellow chrysanthemums, for which the demand was heavy. Lily of the valley has been going rather slowly. Roses have also come in for the general rise in prices. The market on Bride and Bridesmaid has not changed much the past week, but Liberty has become rather scarce, and better prices have been obtainable for American Beauty. The quality of roses is improving all along, and as the other staple flowers are of good quality the business for the next month promises to be good. The dull market caused by chrysanthemums has been worse this season than ever before, and it is well for the growers of other flowers that the chrysanthemum season in this vicinity is no longer. A typographical error last week made us quote carnations at \$8 to \$4, when the price was \$2 to \$4.

One of the society events of the season in this vicinity was the marriage last Wednesday of Emma E. Cartwright, the daughter of George Cartwright, the well known treasurer of the Boston Co-operative Flower Growers' Association, to Claude T. Taggart, of Philadelphia, at the home of Miss Cartwright in Dedham. The house was profusely decorated throughout with holly and chrysanthemums. The bride was given away by her father.

A well-dressed woman buncoed a well-known Malden horticulturist out of a lot of flowers one day this week by her charming presence and stylish apparel. She purchased some chrysanthemums and violets, remarked that she had no money with her, was visiting friends and would pay in the morning. The flower dealer has not seen her since.

Welch Brothers, of Province street,

report that after several years of hard work in trying to place the Queen of Edgely rose upon the Boston market they have at last been successful, and this rose now has a large sale in this vicinity. They are the sole wholesale agents for this locality.

The auction sales of N. F. McCarthy & Company are over for the season. They report that they could not get any kind of price for their imported stock, and they have had to send it over to New York to dispose of it. Their representative has been in that city for ten days.

Thomas Galvin, of Boylston street, has been given the order for decorations at the Algonquin on the occasion of the reception tendered by the state of Massachusetts to Prince Fushimi, the official representative of the Emperor of Japan at the St. Louis exposition.

The past week there has been on exhibition at Welch Brothers a carnation seedling, scarlet in color, from George Anderson, of Hyde Park. This seedling was given an honorable mention at the chrysanthemum show of the Massachusetts Horticultural Society.

John J. Casey, of The Rosary, Bromfield street, reports that he had a very good Thanksgiving trade, this being especially so in view of the fact that he has been in business but a month.

Frank Gustin, of Winchester, has put up two houses, one 35x200 and another, a propagating house, 25x75 feet, and reports that he is to build two more.

The flower mission of the Massachusetts Women's Christian Temperance Union report that they have this year sent out over 60,000 bouquets.

A. N. Pierson, of Cromwell, Conn., was in town the past week and reports that he has recently built a new house which is forty-eight feet wide.

William S. Wilson, of Wellesley, and Robert Montgomery, of Natick, have been bringing in some exceptionally good Bride and Bridesmaid.

James Rough, of Huntington avenue, recently lost his valuable horse, which had to be shot because of a disease which it had contracted.

Morris Hoffenberg, formerly of Chelsea, has recently opened up a new store in Copley Square, this city, where he will conduct a retail business.

Bulb stock is beginning to come in, and J. Tailby & Son, of Wellesley, has been bringing in some good Paper Whites and Roman hyacinths.

F. J. Lake, of Wellesley, has now recovered from his accident and has now got around and is able to attend to business.

John Cummings, of Cummingsville, is putting up a house 30x150 feet, which will be devoted to violets and cucumbers.

Thomas G. Thrasher, has filed a bankruptcy petition.

H. P. S.

St. Louis.

The market the past week was very strong. Carnations are especially scarce. Thanksgiving day, which brought a good demand for all kinds of flowers, together with President Roosevelt's visit, also the death of R. M. Scruggs, the dry goods merchant, caused a very large demand for white flowers. Thanksgiving trade was very good, perhaps a little better than last year. Chrysanthemums, carnations and violets moved well. A great many Major Bonnaillon chrysanthemums came into the market last Wednesday, one house having over one thousand of this variety from one

shipper. The best of those were sold at \$2 and \$2.50 per dozen. Carnations brought 3 to 5 cents; roses from 4 to 8 cents and a few extras at 10 cents. There were few American Beauty roses. Christmas green has arrived with prospects of being plentiful. We have not heard about holly yet.

The Pacific, United States, American, National and Wells Fargo Express Companies are now refusing to call for empty return flower cases, also all cases weighing fifteen pounds and over, costing 10 cents. Formerly all were returned at 5 cents. This is a cause of great inconvenience to the commission men and the raise on prices on return empties will not be appreciated by the growers.

M. M. Ayers had a large and costly decoration at the Brazil building, World's Fair, on the occasion of President Roosevelt's visit. The president's table was set for twenty people. Valley, white roses, white silk flags and electric lights with green shading were used.

Ellison Floral Company had the decorations at the Tyrolean Alps at the banquet given to President Roosevelt. American Beauty and Bridesmaid roses and valley were used; 624 plates were laid.

H. C. Berning reports trade for Thanksgiving as very good. This house had a large trade on chrysanthemums, carnations and violets. Mr. Berning is around again feeling much improved in health.

F. C. Weber came down town yesterday, Tuesday, in his new automobile delivery wagon, a very elegant affair. This is the only automobile delivery service among the St. Louis florists.

Miss Mary Ostertag had an extensive supply of fine roses, violets, carnations and chrysanthemums for Thanksgiving. Fred. Ostertag is manager at this establishment.

F. J. Foster had the decoration at the German State building World's Fair. The decorations consisted of chrysanthemums and American Beauty roses.

Jules Beneke has opened a new store, two doors east of his old location, which is being torn down.

Joe Hauser, of Webster Grove, is bringing in fine violets and expects a stock of sweet peas.

Miss Theresa Badaracco has a large amount of funeral work on hand.

Young & Sons handled a heavy Thanksgiving day trade.

The Florists' Club meets next week.

Visitors: S. H. Hibbert, De Soto, Mo., with Hibbert Floral Company; Edgar Osborne, Danville, Ill.; Guy Frazier, Georgetown, Ill.

Baltimore.

Weather and trade continue favorable, the thermometer going down in the last week to 16°, but with bright suns and inspiring airs. Thanksgiving day was beyond the experience of former years and practically all the stores enjoyed a good business, the Charles street section, which marks the down-town limit of the commercial city, declaring that the holiday promises to be a good florists' day hereafter. There was little loss of stock at the week end, the holiday, the football game, numerous weddings and one or two important funerals absorbing pretty much all the cut flowers offering. Chrysanthemums are about at the finish; violets are scarce, and the single sorts, if fine, take better than the doubles, which, as a rule, are of poor quality. Roses and carnations both advance in quality.

Of the growers in this section, Stevenson Brothers, at Govanstown, are among the most skillful and wide-awake. They produce only Bride, Bridesmaid and Golden Gate, with one bench of Papa Gontier, which latter they will abandon as unprofitable. Their cut stands at the head notch for quality, and shows a degree of attention to the details which go to success that is rare indeed. A bed of calla lilies in 8-inch pots is the most noticeable for size of bulb and flower, rich green of leaves, and absolute good health, that were ever seen in this quarter. In common with almost everybody their violets are a degree below their successes of former years, but by comparison they are up to the other growers. Edw. Stevenson was nine years with M. Reuter at Westerly, R. I., most of the time as rose foreman, and Thomas was long employed at Mr. Moss', near Baltimore. They are regarded as the rising men in the growing trade here from their intelligence and experience.

John J. Perry, who, as manager of the Florists' Exchange, has systematized its work and added considerably to its volume of business, complains that the proportion of short roses is unduly in excess of the long-stemmed, indicating that some of the growers are selling of the better grades direct to the stores, to his disadvantage, inasmuch as the Exchange can never count upon its supplies. There is doubtless some truth in this, but since he has been in charge several growers have come practically to shipping to it their entire output.

W. L. Kennedy, of Kennedy Brothers, at Pikesville, has opened a retail store at 702 North Fremont avenue.

S. B.

Washington.

Thanksgiving business was good, the full force and in several stores extra help being kept on the jump during that and the preceding day. Great numbers of chrysanthemums were sold and it was a regular run on violets. Several of the stores were handling New York violets, which sold like hot cakes in bunches of 50 and 100 at from \$2 to \$3 per 100. No stock was neglected, some fine dinner centerpieces being sent out in which orchids, American Beauty roses, carnations and valley were freely used. In addition to the regular business of Thanksgiving day the week was fruitful in fair debutantes, and a large quantity of choice flowers was disposed of to swell their honor list.

The number of people is remarkable who scorn to—ahem—take things from an individual, yet, when it comes to taking from the United States government, which is the concrete representation of all the people, can never get enough. These reflections are prompted by the misuse of plants and flowers grown at the United States Botanic gardens, the Agricultural Department greenhouses and the United States propagating gardens. But it is simple justice to state that the men directly in charge of horticultural work at these institutions are not the chief sinners. They seem, to a certain extent, to be the victims of a hoary and pernicious system, of which "high up" officials are the chief beneficiaries. Let it be distinctly understood that the executive mansion greenhouses are not included in this arraignment. From among the many millions one man is chosen once in four years, and whatever his politics may

be I believe it is the general sentiment that he is entitled to the best. But of the secretaries, representatives in congress, generals and admirals, who draw their salaries like gentlemen, no valid argument has ever been advanced to show that they are entitled to plants and flowers at the people's expense. If the practice were confined to the use of flowers for funeral purposes there would be less cause for complaint, but it does not stop there. Of a recent wedding in army circles I asked a well-posted man who furnished that decoration, "Oh, same old thing," he replied; "government decoration." Although it cannot be stated that the practice is general, flowers from the United States government conservatories have been used in decorations at the foreign legations, and at a time, too, when plenty of good ones could be bought in the stores. The injury done to the commercial florists of Washington is no small feature, but greater and of more importance is the perversion of the uses for which these departments were intended. Brain and muscle power that should be dedicated to the making of a beautiful capital from a horticultural viewpoint is largely frittered away on the peace offerings for officials, many of whom already draw more salary than they could possibly earn outside of the government service.

George H. Cooke handled a lot of Liberty roses, violets and general stock. He had his window handsomely decorated with baskets of cut flowers and flowering plants. Mixed orchids and Adiantum Farleyense were most prominent, while Baby chrysanthemums and pots of fine Begonia Gloire de Lorraine made fine accessories.

On Thanksgiving day, at the debut of Miss Mary Sutherland, daughter of Captain and Mrs. H. H. Sutherland, great quantities of flowers were presented, Z. D. Blackstone having charge of their arrangement.

A. Gude & Brother had a heavy run on violets, having handled about 18,000 in the twenty-four hours previous to noon of Thanksgiving. The roses, chrysanthemums and other stock also went fast.

Some of J. H. Small & Sons' Thanksgiving dinner centerpieces looked "good enough to eat." Their long-stem American Beauty roses and chrysanthemums were not neglected.

John Robertson was one of the busiest florists in the city, as most of his customers are of the class who are strong on home ties and family reunions.

The weather for the past week has been largely cloudy, with high winds, but all the growers have thus far made a very creditable showing of stock.

J. R. Freeman's Harrisii lilies in pots were a somewhat novel and unusual feature of Thanksgiving.

The modest violet will be in danger of getting "stuck up" and proud if the demand for it continues.

J. Louis Loose had azaleas in bloom for Thanksgiving.

S. E.

Normal, Ia.—James W. Allen, two houses, each 18x100 feet, now building.

MILWAUKEE, Wis.—This has been gala week with Holton & Hunkel, who have had an opening at their new store, 462 Milwaukee street, almost opposite the old location. Many friends and customers called to congratulate the members of the firm in their new quarters, which are light, commodious and convenient.

THE AMERICAN FLORIST

TWENTIETH YEAR.

Subscription, \$1.00 a year. To Europe, \$2.00.
Subscriptions accepted only from those
in the trade.

Advertisements, on all except cover pages,
10 Cents a Line, Agate; \$1.00 per inch.
Cash with Order.

No Special Position Guaranteed.

Discounts are allowed only on consecutive inser-
tions, as follows—6 times, 5 per cent; 13 times,
10 per cent; 26 times, 20 per cent;
52 times, 30 per cent

Space on front pages and back cover page sold
only on yearly contract at \$1.00 per inch, net.

The Advertising Department of the AMERICAN
FLORIST is for florists, seedsmen and nurserymen
and dealers in wares pertaining to those lines only.

Orders for less than one-half inch space not accepted.

Advertisements must reach us by Wednesday to
secure insertion in the issue for the following
Saturday. Address

AMERICAN FLORIST CO., Chicago.

When sending us change of address, always send
the old address at the same time.

THE date of next Easter is April 23,
about two weeks later than last Easter.

FAKE mushroom business on the get-
rich-quick plan continues to be adver-
tised in the daily papers.

EVERGREEN decorations are likely to be
scarcer than usual in the east, it is
claimed, because of lack of expert workers.

THE oldest orator in Germany is
Deputy Schneider in Eberswalde, now
103 years of age. His last speech was
made a few weeks ago at the opening of
a horticultural exhibition.

WE are in receipt of the report of the
twentieth annual meeting of the Society
of American Florists held at St. Louis,
Mo., August 16-19, 1904; also special
list of plants registered under the society's
regulations up to October 1, 1904.

Royal Dutch Bulb Growers' Society.

WE learn that the Royal Dutch Bulb
Growers' Society, of Haarlem, Holland,
intends to hold its quinquennial exhibition
of bulbous flowers, March 17-21, 1905.
The schedule, which has been published,
shows that a large number of prizes is
being offered. It is the intention to make
this show the most interesting hitherto
held. Interested parties can have further
particulars on application to the secre-
tary of the society, Joh. de Breuk,
Haarlem, Holland.

How to Cure Asparagus Sprengeri Seeds.

ED. AM. FLORIST.—How do you cure
Sprengeri seeds? J. D.

Just as soon as the "berries" of Aspara-
gus Sprengeri show signs of ripening—
that is to say turn red—most of the
seeds on that particular plant are ripe
enough to collect whether quite red or
not. If not wanted for immediate sow-
ing after they have been allowed to
remain long enough in water to soften
the pulp sufficiently so that it will part
freely from the seed rubbed through a
finely meshed sieve, it should be carefully
dried before being put away for future
use, otherwise it might become mouldy
and thus possibly destroy the germinat-
ing power of the seed. E. L.

Missouri Botanical Garden Scholarships.

WE are in receipt of the fourteenth
announcement concerning pupils in the
Missouri Botanical garden from which
we learn that two scholarships will be

awarded by the director of the garden,
prior to the first of April next. Vacan-
cies which subsequently arise will be filled
annually after published announcement.
Applications for these scholarships, to re-
ceive consideration, must be in the hands
of the director not later than the first day
of March. The preliminary examination
will be held on Tuesday, March 7, at the
Botanical Garden, St. Louis, at 10 a. m.
If there are more than two applications,
competitive examinations will be held at
the same place on Friday and Saturday,
March 10 and 11.

Further particulars may be had on
application to Director Wm. Trelease,
Missouri Botanical Garden, St. Louis,
Mo.

The American Carnation Society.

The meeting of this society will be held
January 25 and 26 instead of the 28th
and 29th, as given in the premium list
and the trade papers, the latter dates
coming on Saturday and Sunday. The
secretary must have looked at an old
calendar when he gave the dates of 28
and 29, as the meeting is called for the
last Wednesday in January at Chicago,
Ill. ALBERT M. HERR, Sec'y.

Trade Notes.

RED LAWSON carnation is a sport of
considerable merit.

Caldwell the Woodsman has an inter-
esting article on southern evergreens in
Country Life in America, December num-
ber.

"Burpee's Seeds" are being advertised
now by means of giant nickel timepieces,
one of which was recently received at this
office.

C. Keur & Sons, of Hillegom, Holland,
advise us they have been awarded the
World's Fair gold medal for their display
of tulips and other bulbs.

The E. G. Hill Company, which is offer-
ing the new red rose Richmond, invites
the trade to visit its establishment and
see this and other novelties in growth.

The highest award has been given to
the firm of Peter Lambert, of Trier,
Germany, Trier a. Mosel, for its contin-
uous display of roses and its open air
display at the Dusseldorf exhibition.

Cleveland.

Thanksgiving day and chrysanthem-
ums are a thing of the past, and we are
all duly thankful, especially with the
passing of the chrysanthemum. The
holiday business was about ordinary.
Chrysanthemums and carnations seemed
to be most in demand. American Beauty
roses and violets sold fairly well. There
was no extra rush on teas, consequently
a good many remained unsold. Since
Thanksgiving business has been quiet,
but we look for better things shortly.
The quality of the stock sent in without
exception was fine, no evidence of any
pickling.

Mr. and Mrs. Herman A. Hart enter-
tained a few of their friends on the eve-
ning of November 27, the joyous occasion
being the thirtieth anniversary of their
wedding, also the twenty-seventh birth-
day of their son Beno. Many were the
comments on the youthful appearance of
the host and hostess, despite the fact
of their being grandparents. Herman
declared he didn't feel a day older than
he did thirty years ago. May they enjoy
many more anniversaries.

The many friends of Miss Lucille
Schmitt will be glad to know that she is

slowly recovering after her long illness,
having been confined to her bed for over
ten weeks.

Collins & Harrison opened their hand-
some new store at 164 Euclid avenue on
Thanksgiving day, and the initial day's
business proved very satisfactory.

A. L. Brown was suddenly called to
Philadelphia on account of the serious
illness of his mother.

Wm. Dilger, manager of the Michigan
Cut Flower Exchange, Detroit, was a
visitor recently.

Wm. Smith, of Madison avenue, is re-
ceiving congratulations. It is a girl.

R. Hoffman has disposed of his place on
Miles avenue, Newburg. Echo.

Detroit.

Thanksgiving business was very satis-
factory and gave a much needed impetus
to the slow trade existing previous to
that time. Indications during the first
part of the week were rather discourag-
ing and few expected the development of
the spirited demand that followed on
Wednesday and Thursday. The whole
of the local supply of carnations was
used up, as were the roses and all that
remained of really good chrysanthem-
ums. The call for violets was much
short of the same period a year ago, but
about equal to the meager local supply,
which has not yet improved and is now
far short of the local demand, which is
daily increasing. The prices realized
were about equal to those of last year.

Over a dozen members of the club vis-
ited the new horticultural building on
Belle Isle Tuesday, November 22. The
visit was an acceptance of an invitation
extended the club by Park Horticulturist
Robt. Unger, who cordially received the
party.

Philip Breitmeyer has returned home
after a visit to the trade of New York,
Philadelphia and Pittsburg. He reports
a satisfactory condition of business in
the east and a general shortage of good
stock following the Thanksgiving trade.

A. Pochelon, of L. Bem Company,
was married to Miss Julia Weitzman,
November 23. The happy couple are
now occupying cozily equipped apart-
ments adjoining their store on Bates
street.

A. S. Feters, who retired from the
firm of Smith & Feters, Cleveland, is
now a resident of this city, having pur-
chased his present home at 143 Glad-
stone avenue.

Plans for a new eight-story build-
ing for the firm of John Breit-
meyer's Sons are being prepared. It is
expected the new structure will cost about
\$90,000.

Visitors: Frank Smith, of Smith & Fet-
ters, Cleveland; John R. Hellenthal,
Columbus, O.; B. Eschner and M. Reu-
kauf, Philadelphia.

Toronto.

F. C. Miller, a florist of Bracondale,
was fined \$5 and costs or ten days by
Magistrate Kingsford on a charge of
committing malicious injury to the prop-
erty of the Granite Rink while the Flower,
Fruit and Honey show was in progress.
Superintendent Mills said the defendant's
firm had become offended at the action
of the judges of the carnation display
and took away their exhibit before the
closing day, contrary to the rules of the
show. When they were taking out their
exhibits the witness attempted to close
the door, and it was pushed off its
hinges.

Business has held up remarkably well for November and is decidedly in advance of former years. Several good balls, a large number of young ladies making their debut, besides the decease of a number of prominent citizens have all kept the florist busy. Stock has been about equal to meet the demands and the heavy supplies of chrysanthemums are about over. The latter varieties are not over plentiful. This season has seen a number of new varieties added to the list but hardly what was to be expected from the large number of varieties sent out. Many were splendid for show blooms but not fit for commercial purposes. Yellow and white Eaton, Golden Wedding, Jerome Jones and Chadwick have been the best lately and from their good selling and keeping qualities are hard to beat. A few belated crops will last until New Year but not in sufficient quantities to make much difference in the shortage of all stock which will be in evidence from now until the holidays. Roses are in fine shape, which was proved by our recent show and the quality continues to improve. American Beauty are splendid both in color and stem. General MacArthur continues to improve and has displaced Liberty to a considerable extent. Mme. Chateau has made a lasting impression, and another season will see more of this variety planted. Meteor, Bridesmaid and Bride are all doing well. Carnations continue to improve; the select varieties are still scarce. Enchantress is the favorite, surpassing Lawson, whose color now seems to be too bright for most purposes. Reds and, in fact, all the deeper shades seem to hang, as the public is demanding light colors. Harrisii and callas are coming in while Paper Whites and Roman hyacinths are a glut. Violets have shortened considerably but a good crop is promised for the holidays.

The Gardeners' and Florists' Club meeting was a busy one and details concerning the recent show were attended to. After the general expenses are disposed of there will in all probability be enough money left to pay the prizes in full. The attendance was not as large as desired and the ever remaining enigma "how to bring the boys out to these meetings" as yet remains unsolved. The election of officers took place at this meeting. Those who will act for the coming year are:

President, Geo. Douglas.
First vice-president, W. Wilshire.
Second vice-president, E. Graham.
Secretary, E. Collins.
Treasurer, Geo. Mills.
Executive committee, J. H. Dunlop, John Chambers, Wallace Woods, Thos. Manton, Wm. Jay, Wm. Ford, H. G. Dillemath.
Representatives to the Industrial Exhibition, J. H. Dunlop, Wm. Ford.

E. Collins was thanked for the excellent manner in which he attended to the details and looked after the florists at the show and was presented with \$25 by the Florists' Club in appreciation of his services. The treasurer's report shows an increase in the society's funds for the year.

Grobba & Wandrey have been the first with poinsettias, which, for the early season are well grown. Cyclamens are also well bloomed and in excellent shape for Christmas. This firm has under construction for next season an additional range for chrysanthemums, 150x200, which will be completed early in the spring.

W. J. Lawrence has a good sport of Yellow Eaton, which is of a paler shade and which he calls Eglington and has registered. Miller & Sons have a sport which they call F. C. Miller and is regis-

tered. As both sports seem to be identical, I presume the first to be registered will bear the name of the variety.

Geo. Hollis has several good seedlings in chrysanthemums. A small white which is very vigorous and late he calls Little Smith, and he has honored your correspondent by calling a late yellow H. G. Dillemath. Both varieties are good and should prove money earners.

Frank Duffort, Jr., has returned from a hunting trip, his party successfully shooting two deer, and as I was presented with a goodly portion of one I can truthfully vouch for the quality.

Louis I. Vair, of Barrie, has been sending in some good chrysanthemums. He has now started to cut stevia, which is well grown, and violets which are showing good color.

Ed. Sinclair has returned to the wholesale trade after spending the summer months on the home farm at Brampton.

Christmas greens are coming fairly early. Ground pine, holly and mistletoe are already on the market.

Robt. Wright, of Ottawa, was a visitor making the rounds and picking up stock for the coming season.

J. D. Dunlop's elated demeanor is now explained and the responsibility placed on a daughter. H. G. D.

HOUSTON, TEX.—The eleventh annual chrysanthemum show of the Faith Home Association took place on Tuesday and Wednesday, November 22 and 23.

BIRMINGHAM, ALA.—Cut flower sales here for Thanksgiving were quite heavy. Lindsay states that the market for a few days preceding the holiday was better than it has been for two years past.

OBITUARY.

Louis Unverzagt.

Louis Unverzagt died November 23 at his home in Springfield, Ill., after being sick but three days with pneumonia. He was born in Carlsbad, Germany, in 1846. He came to Springfield in 1870. He was gardener to the governor of the state for three years. Embarking for himself in 1873 he remained at the same stand for over thirty years. Mr. Unverzagt sold his business to his foreman, George Van Horne, in July this year, and had planned to spend the winter in California. His death so shortly after retiring is sad, as he had always been a hard worker. His sterling worth and staunch honesty gained the love and respect of countless friends. A friend says of him:

"Louis Unverzagt was a pioneer florist. A man of staunch integrity, he was always ready to pay a little before the bill was due. He was one of the first members of the S. A. F. who attended the Cincinnati convention." Portrait page 764.

SITUATIONS, WANTS, FOR SALE.

One Cent Per Word.

Cash with the Adv.

Plant Ads. NOT admitted under this head.

Every paid subscriber to the AMERICAN FLORIST for the year 1904 is entitled to a five-line WANT ADV. (situations only) free, to be used at any time during the year.

Situation Wanted—By German, single, age 32; first-class rose and carnation grower; 18 years' experience. Good references. Address Box 97, care American Florist.

Situation Wanted—As working foreman, German, single, sober, age 33; first-class cut flowers and pot plants, etc.; designer, landscape. Please state wages. Good references. Address O. QUAAS, 436 Pine St., Calumet, Mich.

Situation Wanted—By young man, age 18; have had some experience in gardening and general work. Good references. Near Philadelphia preferred. Box 95, care Am. Florist.

Situation Wanted—By a young florist, age 26, first-class grower of cut flowers and plants; able to take charge good sized place. Best of references. Address Box 96, care Am. Florist.

Situation Wanted—By a sober, industrious, middle-aged man, experienced in pot and floral culture. Capable of taking charge of a small commercial or fine private place. Before or after the first of January. Address Box 85, care American Florist.

Situation Wanted—By a good all-around florist, single, 28 years old; 10 years' experience in ferns, palms, bulbs, bedding plants and forcing; capable of taking charge of small commercial or private place. State wages. Address Box 94, care American Florist.

Situation Wanted—By a first-class grower of roses, carnations miscellaneous stock; capable of taking charge. German, 31 years of age; not afraid of work. Place where first-class flowers are demanded preferred. References given. Address ERNEST PRIGGE, 211 E. Ohio St., Chicago.

Situation Wanted—By a practical gardener and florist; 22 years' experience in all branches of gardening. Capable of managing and superintending large private properties both in respect to greenhouse, garden and ground improvement. Have served in a similar position for 12 years on one of the largest estates in the east. Best of references. Address Box 83, care American Florist.

Help Wanted—\$20.00 to \$50.00 per week. See 3 1/4-inch adv. in another column. Address SPAULDING NURSERY AND ORCHARDS CO., Spaulding, Ill.

Help Wanted—A good, reliable young man; must be a good salesman and up-to-date in the floral work, for first-class retail store in Chicago. State references from last place. Address Box 58, care American Florist.

For Sale—Horizontal tubular hot water boiler in first-class condition; 9 ft. 6 ins. long; 36 inches in diameter; nearly new Deane steam pump. J. W. DUNFORD, Clayton, Mo.

For Sale or Lease—A first-class paying florist business; houses stocked with roses, carnations, decorative plants, etc. Offered only because the owner wishes to retire from business. Will bear close investigation. GEORGE T. EARLE, The City Greenhouses, Central Falls, R. I.

For Sale—Greenhouse property; established 27 years. 14 room, 2 1/2 story almost new dwelling house with tower, all improvements, gas light. 1 1/4 acre good land, fruit and shade trees; 5 greenhouses, well stocked, hot-water heat. Center of City of Melrose, 7 miles to Boston; electric cars pass door, \$5 fare. Wholesale and retail business. J. GEIST, 84 Grove St., Melrose, Mass.

GOING OUT OF BUSINESS—

For Sale—25,000 feet of glass. All repainted and overhauled this season. 2 1/2 acres of land. Fruit, shade, evergreens, lawns, ornamental shrubs. New 12 room brick residence, flowing wells; located 5 miles from city in midst of suburban towns. Greenhouses can be bought with or without residence, with full stock now or by June 1st. Also city store. 22 years established business. Address C. CRAMER, Florist, Salt Lake City, Utah.

FOR SALE

On 52 Acres of Leased Land:

Greenhouses, dwelling, barn and sheds, with or without implements, growing and marketable crop; situated at 5600 Anthony Ave., Chicago. Having moved to Onarga, Ill., I want to dispose of the place and stock for less than half value. A splendid place for poultry combined with gardening. LUDWIG MOSBAEK.

To the Seed Trade.

I have been 20 years in the seed trade with three prominent firms in Scotland, know all branches, and am open for a place with some good American house where I can become familiar with the American trade. Would accept a subordinate position for a short time, with a chance for advancement. Have done both inside and outside work. Address DAVID C. care Watson's Seed Store, Philadelphia.

ALWAYS mention the AMERICAN FLORIST when writing to advertisers.

Wietor Brothers, 51 Wabash Avenue, CHICAGO.

WHOLESALE CUT FLOWERS.

—CURRENT PRICES. SUBJECT TO CHANGE.—

AMERICAN BEAUTY.

Per doz.

| | |
|----------------------|---------------------------|
| 30-36-inch stem..... | \$5.00 |
| 24-inch stem..... | \$3.00 to 4.00 |
| 20-inch stem..... | \$2.50 to 3.00 |
| 16-inch stem..... | 2.00 |
| 12-inch stem..... | 1.50 |
| Short Stem..... | per 100, \$3.00 to \$4.00 |

ROSES.

Per 100

| | |
|----------------------------|------------------|
| Bride and Maid..... | \$5.00 to \$8.00 |
| Meteor and Gate..... | 5.00 to 8.00 |
| Liberty..... | 5.00 to 10.00 |
| CARNATIONS—Good stock..... | 2.00 to 2.50 |
| " Large and fancy..... | 3.00 |

Wholesale Flower Markets

MILWAUKEE, Dec. 1.

| | |
|------------------------------|-------------|
| Roses, Beauty, long per doz. | 5.00 |
| " " short..... | 2.00@ 3.00 |
| " Liberty..... | 2.00@ 8.00 |
| " Chateaux..... | 2.00@ 6.00 |
| " Bride, Bridesmaid..... | 2.00@ 6.00 |
| " Meteor, Golden Gate..... | 2.00@ 6.00 |
| " Perle..... | 2.00@ 5.00 |
| Carnations..... | 1.00@ 4.00 |
| Smilax..... | 10.00@12.50 |
| Asparagus..... | 35.00@50.00 |
| Valley..... | 3.00@ 4.00 |
| Adiantum..... | 1.00 |
| Violets..... | 1.00@ 1.50 |
| Mums..... | 8.00@25.00 |
| Callas..... | 10.00@12.50 |

PITTSBURG Dec. 1.

| | |
|------------------------------|-------------|
| Roses, Beauty, specials..... | 35.00@40.00 |
| " " extras..... | 20.00@30.00 |
| " " No. 1..... | 10.00@15.00 |
| " " ordinary..... | 6.00@ 8.00 |
| " Bride, Bridesmaid..... | 2.00@10.00 |
| " Meteor..... | 2.00@10.00 |
| " Liberties..... | 3.00@10.00 |
| " Kaiserin..... | 2.00@ 8.00 |
| " Perle, Chateaux..... | 2.10@ 5.00 |
| Carnations..... | 1.00@ 4.00 |
| Lily of the valley..... | 3.00@ 4.00 |
| Smilax..... | 12.50@15.00 |
| Asparagus, strings..... | 25.00@50.00 |
| Asparagus Sprenger..... | 1.00@ 2.00 |
| Lilies..... | 12.00@15.00 |
| Chrysanthemums..... | 4.00@20.00 |
| Adiantum..... | 1.00@ 1.25 |
| Violets..... | .50@ 1.75 |
| Paper White Narcissus..... | 2.00@ 3.00 |
| Roman hyacinths..... | 1.00@ 4.00 |
| Stevia..... | 1.00@ 2.00 |

CINCINNATI, Dec. 1.

| | |
|------------------------------------|----------------|
| Roses, Beauty, 1.00@ 4.00 per doz. | |
| " Bride, Bridesmaid..... | 3.00@ 6.00 |
| " Liberty..... | 3.00@ 6.00 |
| " Meteor, Golden Gate..... | 3.00@ 6.00 |
| Carnations..... | 1.00@ 4.00 |
| Lily of the valley..... | 3.00@ 4.00 |
| Asparagus..... | 50.00 |
| Smilax..... | 10.00@12.50 |
| Adiantum..... | 1.00@ 1.50 |
| Callas..... | 10.00 |
| Asparagus Plumosus and Sprenger | |
| in bunches..... | .25c per bunch |
| Chrysanthemums..... | 8.00@25.00 |

St. Louis, Dec. 1.

| | |
|--------------------------------|-------------|
| Roses, Beauty, long stem..... | 3.00@4.00 |
| " Beauty, medium stem..... | 2.00@3.00 |
| " Beauty, short stem..... | .75@1.50 |
| " Bride, Bridesmaid..... | 4.00@ 6.00 |
| " Golden Gate..... | 4.00@ 6.00 |
| " Liberty..... | 4.00@ 8.00 |
| " Kaiserin..... | 4.00@ 6.00 |
| " Meteor..... | 4.00@ 6.00 |
| Carnations..... | 1.50@ 4.00 |
| Smilax..... | 15.00 |
| Asparagus Sprenger..... | 1.50@ 3.00 |
| " Plumosus..... | 25.00@50.00 |
| Ferns, fancy, per 1000 \$1.75. | |
| Adiantum..... | 1.00@ 1.25 |
| Chrysanthemums, medium..... | 8.00@15.00 |
| " large..... | 20.00@35.00 |
| Violets, California..... | .75@ 1.00 |
| " Double..... | 1.50 |
| Lily of the valley..... | 4.00 |
| Stevia..... | 1.50 |

CLEVELAND, Dec. 1.

| | |
|--------------------------|-------------|
| Roses, Beauty..... | 12.50@35.00 |
| " Bride, Bridesmaid..... | 4.00@ 8.00 |
| " Meteor..... | 4.00@ 8.00 |
| Carnations..... | 2.00@ 4.00 |
| Smilax..... | 10.00@15.00 |
| Asparagus, strings..... | 25.00@50.00 |
| " Sprenger..... | 1.00@ 2.00 |
| Callas..... | 1.00@ 1.50 |
| Common ferns..... | 1.00@ 1.50 |
| Violets, single..... | .75@ 1.00 |
| " double..... | 1.00@ 1.50 |

A Beautiful Decorative Evergreen for Christmas.

A Single Postal Request Will Bring You, Gratis, a Sample and Price.

Choice Brides, and Maids, Beauties, Carnations, Valley, Violets.

PITTSBURG CUT FLOWER CO., Ltd.

PITTSBURG'S OLDEST WHOLESALE FLORISTS.

504 LIBERTY AVE..

PITTSBURG, PA.

HOLTON & HUNKEL CO.,
-- Wholesale Cut Flowers --

457 Milwaukee Street.

MILWAUKEE, WIS.

J. M. McCullough's Sons Co.
WHOLESALE
FLORISTS

ALSO SUCCESSORS TO

THE CINCINNATI CUT FLOWER CO.

CONSIGNMENTS SOLICITED.

Special attention given to Shipping Orders.

316 WALNUT ST., CINCINNATI, O.

Please mention the American Florist when writing.

Pittsburg Florists' Exchange,

WHOLESALE FLORISTS

and Florists' Supplies.

228 Diamond St., PITTSBURG, PA.

Send for weekly price list and prices on large orders..

Please mention the American Florist when writing.

H.G. BERNING
Wholesale Florist

1402 Pine St., ST. LOUIS, MO.

Please mention the American Florist when writing

C. A. KUEHN,
Wholesale Florist,

1122 Pine St., ST. LOUIS, MO.

A Complete Line of Wire Designs.

Please mention the American Florist when writing.

Peter Weiland,
WHOLESALE FLORIST,

Room 18, 128 E. Third St., CINCINNATI, O.

Headquarters for

American Beauties and all leading varieties of
Roses and Carnations.Orders received and filled at Greenhouses if
desired, by addressing

PETER WEILAND, New Castle, Ind.

AMERICAN BEAUTIES.Cut Roses—American Beauties and all
kinds of Tea Roses at lowest prices. Trial
orders solicited.**HELLER BROS., New Castle, Ind.**
South Park Floral Company**RICE BROTHERS**
128 N. 6th St., MINNEAPOLIS, MINN.

Wholesale Cut Flowers and Supplies.

Wild Smilax | Flowers billed at
Market Prices.
Shippers of choice Cut Flowers and Greens of all
kinds. Try us.**J. B. MURDOCH & CO.**
WHOLESALE FLORISTS,

FLORISTS' SUPPLIES.

545 Liberty Ave., PITTSBURG, PA.

Always mention the.....

American Florist

when you write to an advertiser.

WE ARE LOOKING FOR BUSINESS. We Want Your Trade.

WE ARE NOW SUPPLYING ALL GRADES OF
CHRYSANTHEMUMS, VERY FINE ROSES, CARNATIONS, VIOLETS and VALLEY
BESIDES GREEN STOCK.

Our
Specialties:

Wild Smilax which is just a little better than the other
fellow's constantly on hand. Prices:

| | |
|------------------------------|------------------------------|
| Case No. 1—15 lbs.....\$2.00 | Case No. 4—35 lbs.....\$4.00 |
| Case No. 2—20 lbs.....3.00 | Case No. 5—40 lbs.....4.50 |
| Case No. 3—30 lbs.....3.50 | Case No. 6—50 lbs.....5.00 |

FANCY FERNS, the very best.....Per 1000 \$1.50

GALAX, Bronze.....1.50
Green.....1.00

LEUCOTHOE SPRAYS.....per 100, 75c

J. B. Deamud,

51 Wabash Ave., WHOLESALE FLORIST. CHICAGO.

Phones: Long Distance Central 3155. Automatic 9922.

E. C. AMLING

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

32, 34, 36 RANDOLPH ST.,
CHICAGO.

L. D. Phones Central 1978 and 1977.

Please mention the American Florist when writing.

Bassett & Washburn

76 & 78 Wabash Ave., CHICAGO.

Wholesale Dealers and
Growers of **Cut Flowers**
GREENHOUSES: HINSDALE, ILL.

D. WOOD BRANT,

SUCCESSOR TO BRANT & NOE FLORAL CO.

—Grower of—

CUT FLOWERS AT WHOLESALE.

Now offer Choicest American Beauty roses.
Prices reasonable.

Careful attention given shipping orders.

58-60 Wabash Ave., CHICAGO.

It is good business policy to mention

The....
AMERICAN FLORIST

When you write to an advertiser

Poehlmann Bros. Co.

Wholesale Growers of

and
Dealers in **Cut Flowers**

All telegraph and telephone orders
given prompt attention.

Greenhouses: Morton Grove, Ill. 35-37 Randolph Street,
CHICAGO.

GEO. REINBERG,

Wholesale
Grower of **Cut Flowers**

CHOICE AMERICAN BEAUTIES.

We will take care of your orders at reason-
able prices. Prompt attention.

51 Wabash Ave., CHICAGO, ILL.

Wholesale Flower Markets

CHICAGO, Dec. 2.

| | |
|------------------------------------------|---------------------|
| Roses, Beauty, 30 to 36-in. stems | 5.00@ 6.00 |
| " " 20 to 24 " | 8.00@ 4.00 |
| " " 15 to 18 " | 1.50@ 2.00 |
| " " 12 " | 1.50 |
| " Liberty..... | 6.00@ 10.00 |
| " extra select..... | 10.00@ 12.00 |
| " Chstsnay..... | 4.00@ 8.00 |
| " Bride, Bridesmaid..... | 4.00@ 8.00 |
| " Meteor, Golden Gate..... | 4.00@ 8.00 |
| Carnations..... | 2.00@ 2.50 |
| " fancy..... | 3.00@ 4.00 |
| Valley..... | 3.00@ 4.00 |
| Violets..... | 1.00@ 1.50 |
| Asparagus Plumosus, per string 40 to 50c | 2.00@ 6.00 |
| " Sprngerl..... | 3.00@ 6.00 |
| Leucothoe Sprays..... | .75 |
| Galax Leaves, Bronze, per 1000, 1.25 | .15 |
| " Green, " " 1.00 | 1.00 |
| Adiantum..... | 1.00 |
| Fancy ferns...per 1000 | 1.00@ 1.50 |
| Smilax..... | 12.00@ 15.00 |
| Callas..... | 1.25@ 1.50 per doz. |
| Paper Whites..... | 3.00 |
| Romans..... | 2.00@ 4.00 |

E. H. Hunt,

WHOLESALE

Cut Flowers

"THE OLD RELIABLE."

76 Wabash Ave., ...CHICAGO.

PETER REINBERG

51 Wabash Ave., CHICAGO.

Wholesale Cut Flowers

LARGEST GROWER
IN THE WORLD.

Price List.

| | |
|------------------------------|--------------------------|
| AMERICAN BEAUTIES— | Per doz. |
| Extra Select..... | \$5.00 |
| 30-inch stems..... | 4.00 |
| 24-inch stems..... | 3.00 |
| 20-inch stems..... | 2.50 |
| 15-inch stems..... | 2.00 |
| 12-inch stems..... | 1.50 |
| Short stems..... | \$6.00 to \$8.00 per 100 |
| LIBERTY..... | Per 100 \$4.00 to 10.00 |
| CHATENAY..... | 8.00 to 10.00 |
| " seconds..... | 4.00 to 6.00 |
| MAIDS AND BRIDES..... | 6.00 to 7.00 |
| " " seconds..... | 4.00 to 5.00 |
| PERLE..... | 4.00 to 6.00 |
| GOLDEN GATES..... | 4.00 to 7.00 |
| METEOR, SUNRISE..... | 4.00 to 7.00 |
| CARNATIONS..... | 3.00 to 4.00 |

All flowers are perfectly fresh and properly packed.
No charge for P. & D. on orders over \$5.00.

SINNER BROS.

Wholesale Growers
and Shippers of **CUT FLOWERS**
58 WABASH AVENUE, CHICAGO, ILL.

With the Flower Telephone—
Growers' Co. Central 3097.
All telephone and telegraph orders
given prompt attention.

WEILAND-AND-RISCH

CHICAGO'S RELIABLE

Wholesale Growers and Shippers of

CUT FLOWERS, :

59 Wabash Ave., CHICAGO.

SEND FOR WEEKLY PRICE LIST.

WHOLESALE FLORISTS

Flower Growers' Market.

60 Wabash Ave., CHICAGO.

Order your stock where it will be filled with
care and dispatch. The most successful growers
of cut flowers, are those who sell their own stock.
Give us your standing order.

PERCY JONES, Manager.

J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and
Carnations
A Specialty....

WHOLESALE
GROWER of

CUT FLOWERS

THE BENTHEY-COATSWORTH CO.

35 RANDOLPH ST.

WHOLESALE FLORISTS

CHICAGO.

The Leo Niessen Company

WHOLESALE FLORISTS

1217 Arch Street,

Store open from 7 A.
M. to 8 P. M.

PHILADELPHIA, PA.

The Cleveland Cut Flower Company,

WHOLESALE CUT FLOWERS, FLORISTS' SUPPLIES, WIRE DESIGNS.

52 and 54 High Street,

CLEVELAND, OHIO.

BOSTON, MASS.

WELCH BROS.

15 Province Street.

All Varieties FLOWERS in Season. FANCY and DAGGER FERNS.
FLORISTS' SUPPLIES all kinds.

Long Distance Telephone, 6268-6267 Main.

Asparagus Strings

Good, heavy stock. 8 feet, 50 cents.

WM. H. ELLIOTT, Brighton, Mass.

LEIKENS

7 E. 33d St. Near New York City.
Telephone No. 1417 Madison.

NURSERIES, RUTHERFORD, N. J.

Orders for Baskets, Boxes, Designs, Steamers, Receptions, and from out-of-town Florists will receive personal and careful attention. We guarantee perfect satisfaction.

Original Pioneer House—Established 1871.

JAMES HART

117 W. 30th St., NEW YORK.

Wholesale and Commission

Consignments solicited. Shipping orders promptly attended to. Phone 626 Madison.

Please mention the American Florist when writing.

GEORGE COTSONAS & CO.,

Wholesale and Retail
Dealers in all kinds of

EVERGREENS.

Fancy and Dagger

Ferns, Bronze and

Green Galax.

Phone 1202 Mad. Sq.

MAIN STORE, 45 W. 29th St., NEW YORK.

BRANCH, 55 W. 28th St., NEW YORK.

Please mention the American Florist when writing.

The Philadelphia Wholesale Flower Market.

1235-7 Filbert St., PHILADELPHIA.

Open from 7 A. M. to 6 P. M. Telephones.

THE KERVAN COMPANY,
WHOLESALE DEALERS.All Decorating Evergreens, Galax,
Leucothoe, Mosses, Etc.

20 W. 27th Street, NEW YORK.

TELEPHONE 1519 MADISON SQ.

MOSS, GALAX, FERNS.

Galax, Bronze or Green.....\$1.00 per 1000
Ferns, Dagger or Fancy.....\$.90 per 1000
Southern Smilax, large case...\$3.00

CUT FLOWERS, FLORISTS' SUPPLIES.

H. L. MENAND, 34 Williams St., Albany, N. Y.
L. D. TELEPHONES.

Wholesale Flower Markets

BOSTON, Dec. 1.

| | |
|-------------------------------|-------------|
| Roses, Beauty, best..... | 15.00@35.00 |
| " " medium..... | 8.00@20.00 |
| " " culls..... | .50@ 4.00 |
| " Bride, Bridesmaid..... | 1.00@ 3.00 |
| " extra..... | 4.00@ 8.00 |
| " Liberty..... | .50@ 8.00 |
| Carnations..... | .50@ 1.00 |
| " Fancy..... | 1.00@ 2.00 |
| Lily of the valley..... | 3.00@ 4.00 |
| Smilax..... | 8.00@12.00 |
| Adiantum..... | .75@ 1.00 |
| Asparagus..... | 35.00@50.00 |
| Violets..... | .50@ 1.00 |
| Chrysanthemums, ordinary..... | 4.00@ 6.00 |
| " fancy..... | 8.00@12.00 |

PHILADELPHIA, Dec. 1.

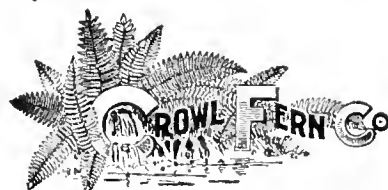
| | |
|-----------------------------------------|-------------|
| Roses, Tea..... | 5.00@ 8.00 |
| " extra..... | 8.00@12.00 |
| " Liberty..... | 8.00@16.00 |
| Queen of Edgely, extra..... | 16.00@35.00 |
| " firsts..... | 12.00@15.00 |
| " Beauty, extra..... | 16.00@40.00 |
| " firsts..... | 12.00@15.00 |
| Carnations..... | 1.00@ 3.00 |
| Chrysanthemums, per doz., \$1@ \$4..... | 8.00@35.00 |
| Lily of the valley..... | 3.00@ 5.00 |
| Asparagus..... | 25.00@50.00 |
| Smilax..... | 12.00@15.00 |
| Violets, single..... | .25@ .50 |
| " double..... | .75@ 1.50 |
| Adiantum..... | 1.00@ 1.50 |
| Gardenias..... | .35@ .50 |
| Mignonette..... | 1.00@ 3.00 |

BUFFALO, Dec. 1.

| | |
|----------------------------------|-------------|
| Roses, Beauty..... | 6.00@50.00 |
| " Bride, Bridesmaid, Meteor..... | 2.00@ 8.00 |
| Carnations..... | 2.00@ 5.00 |
| Harrisii..... | 15.00 |
| Lily of the valley..... | 2.00@ 5.00 |
| Asparagus, strings..... | 40.00@50.00 |
| Smilax..... | 10.00@15.00 |
| Adiantum..... | .50@ 1.00 |
| Lilium Longiflorum..... | 15.00 |
| Chrysanthemums..... | 3.00@25.00 |
| Violets..... | 1.00@ 2.00 |

HARDY CUT FERNS.

Fancy or Dagger Ferns, 85c per 1000. Galax, Brilliant Bronze or Green, 75c per 1000; \$6.50 per case of 10,000. Laurel Festooning, hand-made, full sizes, 4c, 5c and 6c per yd. Made fresh daily from the woods. Send us your Thanksgiving orders now and we will please you. Branch Laurel, 35c per large bundle. Southern Wild Smilax, \$5.50 per case, large size. Laurel Wreaths and Princess Pine Wreaths, made all sizes and prices. Princes Pine by the lb. and made into roping. Tell us your wants and we will name you prices.



Tel. Office, New Salem, Mass. Millington, Mass.

Southern Wild Smilax

Choice stock, well packed, 50 lb. case, \$6.00, will cover about 600 square feet. 25 lb. case, \$3.25 will cover 300 square feet.

Galax Leaves. Brilliant bronze or green, selected stock full count, \$1.00 per 1000; \$3.75 per 5000.

Leucothoe Sprays, green, 90c per 100, \$7.50 per 1000.

Sphagnum Moss, large bale, \$1.75; by freight \$2.00.

Green Sheet Moss, beautiful color, clean stock, \$2.50 per bbl. sack.

Immortelles, new crop, red, white, blue, purple, orange, pink, green or black, \$2.75 per doz. bun's; yellow, \$2.25 per doz. bunches.

ALL KINDS OF FLORISTS' SUPPLIES.

Tel. 597 Madison Square. L. J. KRESHOVER,
110-112 W. 27th St., New York.

HARDY CUT FERNS.

We carry the finest and most complete line of Decorative Evergreens and Florists' Supplies. Our specialties are DAGGER and FANCY FERNS, All quality, \$1.00 per 1000. Discount on larger orders. BRILLIANT BRONZE and GREEN GALAX, \$1.00 per 1000. Laurel Festooning, good and full, handmade 5c and 6c per yd. Green and Sphagnum Moss, \$1.00 per bbl. Sphagnum Moss, 50c per bag; 5 bags, \$2.00. Ivy Leaves, \$4.00 per 1000. Sprengeri, 25c and 50c per bunch. Asparagus Plumosus, 50c per bunch or string. Leucothoe Sprays, \$1.00 per 100; \$7.50 per 1000.

We also carry a full line of Florists' Supplies such as Tin Foil, Cut Wire, Corrugated Boxes, all sizes, Folding Boxes, Ribbons, all sizes and colors, Koral Letters, Block Letters, Wire Designs, Cycas Leaves, Etc., Etc. Our stock is of the best quality and at the most reasonable rates. Please write for our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.

HENRY M. ROBINSON & CO., L. D. Phone 2618 Main. 8 and 11 Province St., Boston, Mass.

Please mention the American Florist when writing.

BERGER BROS. WHOLESALE FLORISTS.

Bell and Keystone 'Phones. 1220 Filbert Street, PHILADELPHIA.

Please mention the American Florist when writing.

FLOWERS SHIPPED BY

JOHN I. RAYNORARE THE BEST PRODUCT OF THE BEST
GROWERS FOR THE NEW YORK MARKET.Adiantum Croweanum
SOLD HERE EXCLUSIVELY.49 W. 28th St., NEW YORK.
Tel. 1998 Madison Square.**YOUNG & NUGENT**42 West 28th Street, Wholesale Florists.
Telephone 2065 Madison Sq.

CATTLEYS, GARDENIAS, ROSES, CARNATIONS and all seasonable novelties. With our long experience in shipping, and competent assistants in our packing department, we are in a position to guarantee out-of-town customers who place their orders with us that they will not be disappointed.

Walter F. Sheridan,
Wholesale Florist,

Telephone 802 Madison Square.

39 West 28th St., NEW YORK.

Telephone No. 756 Madison Square,

**MOORE, HENTZ & NASH**

Wholesale Commission Florists.

55 and 57 West 26th St. NEW YORK CITY.

Advice or sale note daily. Statement and check weekly. All consignments, large or small, receive the same attention. CORRESPONDENCE INVITED.

WHOLESALE WILLIAM GHORMLEY, COMMISSION

Daily Receiver and Shipper of Fresh Cut Flowers.

Orchids, Roses, Carnations, Valley, Lilies, etc.

Telephones 2200 and 2201 Madison Square.

57 West 28th Street, NEW YORK CITY.

JOHN YOUNG,Special American Beauties,
Surpassing Carnations,
Lily of the Valley, Orchids
and all Seasonable Flowers.51 West 28th St., NEW YORK.
Telephone 1905 Madison Square.THE RECOGNIZED HEADQUARTERS IN
NEW YORK CITY FOR**Violets and Carnations**GROWERS and BUYERS make a note of this.
It will be to your advantage.

WM. H. GUNTHER,

30 West 29th Street, NEW YORK.
Telephone 551 Madison Square.**THOMAS YOUNG, Jr.**
WHOLESALE FLORIST.**CHOICEST CUT FLOWERS.**
43 W. 26th St., NEW YORK CITY.THE RELIABLE
COMMISSION HOUSE**JOSEPH S. FENRICH**48 W. 30th Street, NEW YORK.
TEL. 325 MADISON SQ.**N. Y. CUT FLOWER EXCHANGE**Coogan Bldg. 6th Ave. and W. 26th St., New York.
Open for Cut Flower Sales at 6 o'clock
Every Morning.....DESIRABLE WALL SPACE TO RENT FOR
ADVERTISING.

JOHN DONALDSON, Secretary.

Choice Carnations.

Selected Roses.

Traendly & Schenck

NEW YORK CITY,

44 W. 28th Street, Cut Flower Exchange.
New Telephone No. 798 & 799 Madison Sq.**Wholesale Flower Markets**

NEW YORK, Dec. 1.

| | |
|------------------------------------|-------------|
| Roses, Beauty, best..... | 5.00@30.00 |
| " " medium..... | 1.00@ 4.00 |
| " " culls..... | .50@ 2.00 |
| " Liberty, best..... | 6.00@10.00 |
| " " medium..... | 2.00@ 5.00 |
| " " culls..... | .50@ 1.00 |
| " Bride, Bridesmaid, G. Gate | .50@10.00 |
| " Kaiserin, Carnot..... | .50@ 8.00 |
| Carnations..... | .50@ 3.00 |
| " fancy and novelties.... | 2.00@ 6.00 |
| Lily of the valley..... | 1.00@ 4.00 |
| Lilies..... | 8.00@15.00 |
| Smilax..... | 5.00@10.00 |
| Adiantum..... | .10@ .50 |
| Asparagus..... | 25.00@50.00 |
| Gardenias..... | 2.00@ 6.00 |
| Violets..... | 1.00@ 1.50 |
| Chrysanthemums, per doz., 50c@5.00 | |

Charles Millang
WHOLESALE FLORIST.Conservatory connected from which I can ship
ferns and decorative plants promptly.50 W. 29th St. NEW YORK.
Tel. 3860 and 3861 Madison Square.Receivers and Shippers of Cut Flowers.
Consignments Solicited.**A. L. YOUNG & CO., Wholesale**
Florists,
54 West 28th Street,
Telephone 3559 Madison Sq. NEW YORK.**FORD BROS.**

Receivers and Shippers of

Fresh Flowers111 West 30th St., NEW YORK.
Telephones 3870-3871 Madison Sq.

REPRESENTING EMINENT GROWERS.

Julius Lang

53 West 30th Street, NEW YORK.

COMMISSION DEALER in FLOWERS
TELEPHONE 280 MADISON SQUARE.**ALEX. J. GUTTMAN,**

Wholesale Commission Florist,

All varieties of Cut Flowers in season
at right prices, and of the
BEST QUALITY.52 W. 29th Street, NEW YORK CITY.
Telephone 1664 and 1665 Madison Square.**THE
NEW YORK CUT FLOWER CO.**55 and 57 West 26th St.,
WHOLESALE FLORISTS.Daily Reports. Weekly Payments:
TELEPHONE J. A. MILLANG,
756 Madison Sq. MANAGER.**CARNATIONS My**
Specialty.
CONSIGNMENTS SOLICITED.Prompt Payments. Established 1881
Alfred H. Langjahr, New York.
Telephone 3924 Madison Sq.**EDW. C. HORAN,**

55 WEST 28TH STREET,

Telephone 421
Madison Square.

.....NEW YORK.

CUT FLOWERS AT WHOLESALE.

CUT FLOWERS OR DESIGNS will be Delivered for the Trade on Wire or Mail Orders in Best Qualities and Prices:

NEW YORK.

Steamer Gifts

Orders for flowers in any form carefully filled and delivered by special messenger on board any steamer on day of departure from New York.

THOS. YOUNG, JR.

43 W. 28th St., NEW YORK CITY.

Please mention the American Florist when writing.

SAN FRANCISCO.

TELEPHONE MAIN 1023.

SIEVERS & BOLAND,

Floral Artists,

33 Post Street, SAN FRANCISCO, CAL.

INDIANAPOLIS.

Bertermann Bros. Co.,
FLORISTS,

241 Massachusetts Ave., INDIANAPOLIS, IND.

Please mention the American Florist when writing.

ST. LOUIS.

Fred. C. Weber,
FLORIST,

4320-4328 Olive St., ST. LOUIS, MO.

Established 1873, L. Dist. Phone Lindell 196 M.

DENVER.

The Park
Floral Co.

J. A. VALENTINE, Pres. DENVER, COLO.

MILWAUKEE.

C. C. Pollworth Co.

MILWAUKEE, WIS.

Will take proper care of your orders in

WISCONSIN.

CHICAGO.

Established 1857.

The Geo. Wittbold Co.

1657 Buckingham Place, CHICAGO.

Growers and importers. The oldest and leading house in Central and Western United States. Decorative plants a specialty. Mail and Wire Orders Get Prompt attention.

Palmer's

BUFFALO,
N. Y.

DETROIT.

JOHN BREITMEYER'S
SONS

Cor. MIAMI and GRATIOT AVES.

DETROIT, MICH.

Artistic Designs.***

High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Please mention the American Florist when writing.

CHICAGO.

P. J. HAUSWIRTH

Auditorium Annex,

CHICAGO.

Mail, telegraph or telephone orders filled promptly in best style.

OMAHA.

HESS & SWOBODA,
FLORISTS,

1415 Farnam Street, OMAHA, NEB.

'Phone 1601 and L. 1682.

SPRINGFIELD.

Mark Aitken
FLORIST.

388 Main St., Springfield, Mass.

WASHINGTON.

Joseph R. Freeman,
FLORIST,

612 13th St. N.W., WASHINGTON, D. C.

ST. PAUL.

HOLM & OLSON,
ST. PAUL.

THE LEADING FLORISTS OF THE N. W.

Orders will be well cared for anywhere in Minnesota and the Dakotas.

MILLS THE FLORIST,

36 W. Forsyth Street,

JACKSONVILLE, FLA.

Wreathing....

Well wound from fresh stock, light \$2.65. Medium, \$3.50. Heavy, \$4.50 per 100 yards. **BOUQUET GREEN**, \$5.00 per 100 lbs. Cash **XMAS TREES**. Write for particulars.

JOSEPH BANCROFT & SON,
CEDAR FALLS, IOWA.

CHAS. CHADWICK,

COR. FULTON & LAGRAVE.

Grand Rapids, Mich.

WHOLESALE and RETAIL FLORIST.

High-Grade Cut Blooms.

Carnations, Roses, Mums, Violets, Etc.

Choice American Beauties a Specialty.

Artistic Designs on Short Notice.

Good Shipping Facilities to all Michigan Points.

—A TRIAL ORDER SOLICITED.—

Please mention the American Florist when writing.

CHRISTMAS
Greens.

HOLLY Well berried, 2x2x4 foot cases, \$2.50 per case.

WILD SMILAX 50 pound cases, \$3.00 per case.

30 pound cases, 1.75 per case.

LONG NEEDLE PINES "The weeping kind" per dozen, \$1.25.

"The weeping kind" 3 dozen for \$3.00

MAGNOLIA FOLIAGE Very fine for making wreaths, 30 pound case only \$1.50.

Low Express. Prompt Shipment. Terms, Cash.

Enterprise Wild Smilax Co.,

EVERGREEN, ALA.

Please mention the American Florist when writing.

Laurel Wreathing for Xmas.

Well made, bright green leaves, 25 yards in a bundle, \$3.00 per 100 yards.

Our best grade, \$5.00 per 100 yards, crated, f. o. b.

Selected loose laurel 100 lb. crate net \$2.50.

We have been making greens ten years and guarantee satisfaction. Cash with order.

L. POPE & SON, Florists,
BARNESBORO, NEW JERSEY.

Please mention the American Florist when writing.

We Sell...

The finest **BRONZE** and **GREEN GALAX**,

just from the woods. Small, 45c; medium,

50c; large, 55c per 1000.

J. E. HYLTON & CO., Ballard, Va.

TEXAS MISTLETOE FOR CHRISTMAS DECORATIONS.

Absolutely the

finest in the land. Heavy rich green foliage; fine

large white berry. Keeps well for 60 days after

cutting. Can ship in quantities from a crate to

car lot. Large size crate sent to any address by

express on receipt of \$1.00. Address,

WILLIAM ANDERSON,

Brownwood, Texas.

Please mention the American Florist when writing.

To Bed Supperless.

AMERICAN FLORIST Co.:—I would sooner go to bed without my supper than go without the AMERICAN FLORIST.

Montreal, Can.

JOHN WALSH.

Indispensable.

ED. AM. FLORIST:—Find enclosed money order for renewal. I cannot get along without the AMERICAN FLORIST.

C. M. WAGNER.

KENNICOTT BROS. COMPANY

Our reputation has always been that we fill orders when others fail. All stock in season at Lowest Market Rates.

PRICE LIST. Subject to change without notice.

| BEAUTIES— | | GOLDEN GATE | | MAHONIA | |
|----------------------|----------------------|---------------------------|------------------|-----------------------------|----------------|
| Extra long stem..... | \$5.00 to \$6.00 | ROSES, our selection..... | \$4.00 to \$6.00 | ADIANTHUM..... | Per 100 \$1.00 |
| 24-inch stem..... | 4.00 | CARNATIONS..... | 3.00 | SMILAX, per dozen..... | 1.00 |
| 20-inch stem..... | 3.00 | " fancy..... | 2.00 to 2.50 | GALAX, green, per 1000..... | \$1.25 to 1.75 |
| 15-inch stem..... | 2.00 | VIOLETS..... | 3.00 to 4.00 | " bronze, per 1000..... | .20 |
| 12-inch stem..... | 1.50 | ROMANS..... | 1.00 to 1.50 | LEUCOTHOE, per 1000..... | 1.50 |
| BRIDES..... | Per 100 4.00 to 8.00 | NARCISSI..... | 2.00 to 4.00 | FERNS, per 1000..... | 6.00 |
| BRIDESMAIDS..... | 4.00 to 8.00 | CALLAS..... | 3.00 to 4.00 | ASPARAGUS SPRENGERI..... | 2.00 to 3.00 |
| LIBERTIES..... | 6.00 to 10.00 | MIGNONETTE..... | 12.50 to 15.00 | " PLUMOSUS..... | 2.00 to 3.00 |
| PERLES..... | 4.00 to 6.00 | VALLEY..... | 3.00 to 4.00 | " Strings..... | 50.00 |

KENNICOTT BROTHERS COMPANY,

40-42-44 Randolph St., CHICAGO.

R. C. HAYDEN, Sec'y and Treas.

WM. J. MUTH, Manager.

PHILADELPHIA CUT FLOWER CO.

(SUCCESSOR TO CHARLES F. EDGAR & CO.)

Wholesale Commission Florists

WE DAILY RECEIVE AND SHIP ALL THE

LEADING... VARIETIES of **CHRYSANTHEMUMS, ROSES, CARNATIONS** And Other Seasonable Flowers

1516-1518 Sansom Street,

Bell and Keystone Phones.
Open 7:30 a. m. to 8 p. m.

PHILADELPHIA, PA.

FANCY CUT FLOWERS A SPECIALTY.

If you want Choice Cut Flowers at any time or all the time, send to

CHARLES W. McKELLAR,

51 Wabash Avenue, CHICAGO.

Western Headquarters for Choice

ORCHIDS, FANCY VALLEY, VIOLETS BEAUTIES, TEA ROSES, CARNATIONS and CHRYSANTHEMUMS. Wild Smilax, Asparagus, Adiantum, Smilax, Fancy Ferns always in abundance. Also a complete line of all Florists' Supplies, Novelties and Wire Work. Our Christmas Goods are all in and are unsurpassed.

LONG DISTANCE 'PHONE, CENTRAL 3598, AUTO. 3623.



A Daily Cut From 40 Growers

We can and will fill your Cut Flower wants to advantage.

Plenty of 'MUMS, BEAUTIES, MAIDS, BRIDES, etc. CARNATIONS, VIOLETS, etc. ALL GRADES.

Shipping orders our Specialty. Write, telephone or telegraph.

Long Distance Phone 1129 Main.

Headquarters for **HARDY PERNS** and **WILD SMILAX**.

Most Complete Line of **FLORISTS' SUPPLIES** IN THE WEST.

CATALOGUE FREE.
CHRISTMAS NOVELTIES OF ALL KINDS.

E. F. WINTERSON CO.

Established 1894.

45-47-49 Wabash Avenue, CHICAGO.

Indianapolis Floral Co.

839 Ft. Wayne Avenue,

INDIANAPOLIS, IND.

WHOLESALE

Commission Florists.

ALL ORDERS PROMPTLY FILLED IN BEST POSSIBLE MANNER.

Consignments Solicited. We are in position to give prompt and liberal returns on all consignments.

WANTED, Bulbs.

We want to buy in lots of 1,000 to 10,000 each the following: TULIPS, select mixture, CROCUS, HYACINTHS, separate colors mixed, NARCISSUS, all kinds, LILIES.

BOUQUET GREEN

Best quality at lowest rates. We gather our own GREENS and bring by our own boat direct. Also CHRISTMAS TREES.

Northern Michigan Evergreen Nursery,
SCHOONER GEO. L. WRENN, S. W. Cor. Clark St.
H. Schuenemann, Capt. Bridge CHICAGO.

Please mention the American Florist when writing

Wild Smilax.

DO YOU KNOW THAT

VAUGHAN & SPERRY

Sell the very best quality of **WILD SMILAX?**

20 pound case.....\$3.00
35 pound case.....4.00
50 pound case.....5.00

There is none better, they get it fresh every day. Don't forget the number

60 Wabash Av., CHICAGO.

WRITE FOR SPECIAL PRICES ON LARGE LOTS.

LILY OF THE VALLEY

From cold storage, \$15.00 per 1000; case of 2,500, \$35.00; per 100, \$1.75.

FINEST CUT VALLEY IN QUANTITIES.

H. N. BRUNS,

1409-11 W. Madison St., CHICAGO.

GALAX LEAVES AND Leucothoe Sprays.

J. G. LOVEN, Montezuma, N. C.

C. K. LEE, CASTLEBERRY, ALA.

Wild Smilax, Long Needle Pines.

Wire or write for prices.

HIGH-GRADE SOUTHERN WILD SMILAX.

SPECIAL FACILITIES FOR HANDLING LARGE ORDERS.
WRITE, WIRE OR PHONE.

E. A. BEAVEN,

And Florists' Hardy Decorative Supplies.
Prices Right.

- - Evergreen, Ala.

The Seed Trade.

AMERICAN SEED TRADE ASSOCIATION.

Chas. N. Page, Des Moines, Ia., Pres.; L. L. May, St. Paul, Minn., First Vice-Pres.; C. E. Kendel, Cleveland, O., Sec'y and Treas. Twenty-third annual convention, June, 1905.

BOUQUET GREEN picking in the east was checked or stopped by recent snow storms.

BEANS will be as scarce as last year, says a leading grower. Extra early Valentine is not in surplus; \$6.50 is asked for Wardwells.

VISITED CHICAGO: W. J. Fosgate and daughter, of Santa Clara, Cal.; A. J. Brown, Grand Rapids, Mich.; H. A. Johns, Sioux City, Iowa; James McHutchison, New York.

BOUQUET GREEN in the west will probably be more than an average output, but demand is good and prices reasonable. Weather rather too cold for much additional picking.

ALL seedsmen in the United States should devote part of a page in their 1905 catalogues to an explanation of the unfair competition of the United States government's free seed distribution scheme.

FROM Ottawa, Ont., publicity is given to the fact that reports from many districts indicate that potato blight and rot are causing serious loss. An expert who visited nearly every county in Ontario in the summer confirms this statement.

Nebraska Seed Crops.

WATERLOO, NEB.—By this time vine seeds and seed corn will have been harvested and are ready for the mill. Owing to the prevailing fine weather they are generally in very fair condition, being plump and well cured.

Field corn has not yielded as much as would be expected, but the quality is better than usual, and it is thoroughly matured.

The Erfurt Seed Industry.

The growth and expansion of the city of Erfurt, Germany, as a nucleus of the seed-growing industry of the world, has indeed been wonderful. The first commercial establishment, devoted exclusively to the raising of seeds for a local demand was founded in 1756 by Jacob Platz. Carnations, primulas and ten-week-stocks were the main crops at that time. To-day over forty firms in, adjoining and near Erfurt are engaged in the raising of flower seeds for the world's demand and as many in the vegetable seed line. Many thousands of acres are under cultivation and countless structures devoted solely to the seed-producing interests. For many miles in all directions the country around Erfurt presents the appearance of a vast, limitless garden.—*Gartenrat.*

Important English Decision on Dutch Bulbs.

In an action brought by Van Til-Hartmann, of Hillegom, Holland, against K. Drost, of Richmond, Eng., payment was sought for 29,500 bulbs delivered in August, 1903. The defendant claimed that the bulbs were diseased, failed to flower and were therefore useless. It was contended on behalf of the plaintiff that if there was disease in the bulbs it was not known to the plaintiff, nor discoverable by an ordinary examination, and,

having regard to the terms of the contract, was not a matter for which the plaintiff was responsible, and that any risk there might be of unsuccessful flowering rested on the defendant. The judge adopted this view and gave judgment for the plaintiff for the full amount claimed with costs and dismissed the defendant's counterclaim with costs.

[For the above data we are indebted to a full report of the case received from Van Til-Hartmann, November 28.—Ed.]

Government Bulb Growing and Seed Distribution.

The following statement is made by the United States Department of Agriculture in the 1904 report. Secretary Wilson is certainly not modest in the final sentence as to what the department will do:

The very specialized conditions of soil and climate necessary for the proper production of bulbs and the peculiar nature of the skilled labor required have made the establishment of the bulb industry difficult. However, investigations have shown that nearly all the so-called Dutch bulbs may be grown in the United States, and that one by one the difficulties due to competition of cheap skilled labor, excessive cost of transportation and the natural hesitancy on the part of purchasers to use an untried article will be overcome. A method has also been discovered by the department experts to produce the Bermuda lily bulb free from disease. Of the millions of lily bulbs annually imported it is safe to say that forty per cent are more or less affected by disease. The eventual elimination of this trouble will be due to the work of the department.

The secretary further takes credit for increasing the growth of flower seeds in the United States through the encouragement offered by the department. Some pretty strong proof will be necessary to satisfy well informed seedsmen of the truth of this claim.

CONGRESSIONAL SEED DISTRIBUTION.

As pointed out in my previous reports, constant efforts are being made toward the improvement of methods of securing and handling the general seeds for congressional distribution. Improved appliances have been perfected for the mechanical work, and improved methods have been adopted for securing the seed. The work is now all under the direct supervision of efficient officers of the Bureau of Plant Industry. Every effort is being made to improve the quality of the seed by securing pure stocks. Intensive work is being conducted in the matter of a critical study of varieties under different conditions of soil and climate. Testing grounds for this purpose have been established in a number of localities, and the work is under the supervision of a thoroughly competent expert horticulturist. Every effort is being made to encourage home seed growing. Practically all of the vegetable seed now distributed by the department is grown in the United States.

A few years ago nearly all of the flower seed, except sweet peas, was imported. Now fully seventy-five per cent is grown here through the encouragement offered by the department in this work in the handling of this enormous work which congress puts upon the department the necessity for strict methods has been fully observed. The work of handling one branch only of this problem involves the securing of more than twenty-five carloads of special seed, and the testing, packing and mailing of this large quantity to all parts of the United States. The systematizing of all the operations has been so perfected that there is little or no friction at the present time.

Kansas City.

Kansas City and vicinity is enjoying ideal winter resort weather such as they pay \$25 per day for in Florida. For all of which the florists are very thankful. Cut flowers of all kinds, with the exception of carnations, have been plentiful, although not in oversupply. Thanksgiving week was undoubtedly a record-breaker for this city. Nearly all lines in cut flowers sold well at top prices. Chrysanthemums had the call and were not equal to the demand, at least the local supply was inadequate. Prevailing prices were about the same as demanded in Chicago.

Each season finds the chrysanthemum growing more popular in public favor, brought about no doubt by the many exhibitions. The suggestion made at St. Louis that we have a national flower show each year should be taken up by all the larger growers and an organization perfected as quickly as possible.

W. L. Rock's display November 14 to 17 transformed his store into one vast flower garden, and gave thousands of Kansas City people an opportunity of seeing one of the finest collections of cut flowers and plants ever shown here. Local papers wrote the store up generously.

Samuel Murray suffered the loss of about seventy-five palms in a recent fire at Convention hall, the value of which was placed at \$580, with little chance of any redress.

W. P. Newbanks, of Brown & Son, will shortly form a partnership with Mr. Thornhill, of Rosedale, and grow a general stock for the wholesale trade.

W.

WESTERN SEED COMPANY,

Largest Wholesale and Retail Growers of Field Seed Corn in the U. S. We do a general retail mail order business in all kinds of Field, Garden and Flower Seeds. We are always in the market to buy or to sell all kinds of seeds in large or small quantities. If interested, ask for our FREE ANNUAL SEED CATALOG.

WESTERN SEED CO., Shenandoah, Iowa.

NEW HARDY ANNUAL.

The Gold Medal Carmine-Flowered Tobacco Plant

Nicotiana Sanderae

Silver Medal Massachusetts Horticultural Society, Boston, November 3, 1904.

Seeds in original packets from all seedsmen throughout the United States.

Gold Medal, London, 1903. Gold Medal, Royal Horticultural Society of England, 1904. First-class Certificate and Barsean Medal by 24 members of Floral Committee, R. H. Society.

Particulars, colored illustrations, etc., from

SANDER & SONS, ST. ALBANS, ENGLAND.

WHOLESALE AGENTS FOR THE UNITED STATES:

HENRY A. DREER, Chestnut St., Philadelphia, Pa.
J. M. THORNBURN, Cortlandt St., New York.
VAUGHAN'S SEED STORE, Chicago and New York.



Asparagus

PLUMOSUS NANUS.

New Crop. Greenhouse Grown Seed.

The most profitable plant a florist can grow. Can be started every month, and sells every day in the year.

Per 100 seeds. \$.75

Per 250 " 1.50

Per 1000 " 5.00

2 per cent. cash with order.

VAUGHAN'S SEED STORE, 84-86 Randolph St., CHICAGO.
14 Barclay St., NEW YORK.



CHAS. P. BRASLAN

OF THE

**Braslan Seed Growers'
Company,**

SAN JOSE, CAL.

**Started on his Annual Eastern Trip
November 20.**

With an increased acreage and many new lines of California
Flower Seed not heretofore offered on contract.

HOLLY and GREEN

**Vaughan's
XXX
HOLLY.**

We maintain the highest grade Holly Branches in the market. Every case personally inspected by our own agent who has been 16 years in our services; men who gather and pick our Holly are equally well experienced. While other shippers sometimes handle as choice Holly as Vaughan's XXX Brand, yet ours has averaged **THE BEST** one year with another. Our prices are sometimes 50 to 75 cents higher than common stock. Our values are more than **DOUBLE**.

Per case, \$5.00. For larger lots write. Burlap lined for Pacific Coast Shipment, 50 cents extra.

MISTLETOE. We expect to have as usual a choice stock of this for delivery about December 15th. Orders should be placed at once. Extra quality per lb., 25c; 10 lbs., \$2.25; 25 lbs., \$5.00.

**VAUGHAN'S
DEEP WOODS
BOUQUET GREEN**

Our contracts this year cover as they did last, the bulk of the best stock of Bouquet Green in this country. We not only filled all the advance orders booked with us but we delivered bulk green to the trade all of the months of November and Decem-

ber 1903, a record held by us alone.

WRITE OR WIRE US for prices whenever you are ready to buy. Prices are quoted by mail for prompt acceptance, and customers are especially desired to ask us for net prices just when ready to buy as values on this fluctuate greatly and almost daily. We keep in close touch with the market and supply at right prices.

We quote today, Nov. 26, per 100 lbs. \$5.00.

Evergreen Wreathing Beginning about November 20, we carry two grades regularly in stock in large lots, and will make closest prices in 20-yard coils, per 100 yards, \$2.75 to \$4.50.

OUR SPECIAL HOLIDAY CIRCULAR WILL PAY YOU.

VAUGHAN'S SEED STORE,

84-86 Randolph St., CHICAGO.

14 Barclay St., NEW YORK.

Greenhouses and Nurseries, Western Springs, Ill.

The Nursery Trade

AMERICAN ASSOCIATION OF NURSERYMEN.

E. W. Kirkpatrick, McKinney, Tex., Pres.;
C. L. Watrous, Des Moines, Ia., Vice-Pres.;
George C. Seager, Rochester, N. Y., Sec'y.
Thirtieth annual convention, West Baden
Springs, Ind., June, 1905.

MARENGO, ILL.—L. Woodward, the old-time nurseryman and horticulturist, died November 29, aged 77.

DICK J. CROSBY, of the Department of Agriculture, Washington, D. C., is in charge of the children's garden work of the American Civic Association and has issued a prospectus.

NORTHWESTERN nurserymen complain that much stock diseased and infested with insect pests is being received from the east with eastern certificates declaring it free from such diseases and insects.

IOWA CITY, IA.—The Southeastern Iowa Horticultural Society has elected the following officers for the ensuing year: President, S. B. Dewey, Washington; vice-president, W. S. Fultz, Muscatine; secretary, W. R. Richie, Albia; treasurer, F. O. Carrington, Williamsburg. The next meeting of the society will be held in Iowa City in the fall of 1905.

KANSAS CITY, MO.—The November meeting of the Missouri Valley Horticultural Society was held at the Coates house, November 19. The general subject for the meeting was "Merits and Demerits of New Fruits," and the programme included: "Stone Fruits," W. G. Gano; "Pears," J. A. Durkes; "Apples," J. S. Butterfield; "Small Fruits," C. V. Holsinger; "Vineyards," A. V. Wilson; "Winter," Miss Elsie V. Bear.

Second Fruit Crops in England.

In the growing season just ending, in which there was an amount of warm

sunlight rarely experienced here, the most successful second crops of fruits ever known have been raised in the neighboring county of Lincolnshire. Second crops of strawberries, raspberries and gooseberries are now being gathered there, which in some instances are as large as the mid-summer crop. Some of the fruit is not yet ripe, and if the weather continues as favorable as at present the yield will be still further increased. The quality appears to be generally equal to that of the first crop.

To Fight the Brown-Tail Moth.

The people of Melrose, Mass., have formed an organization to be known as the Melrose Co-operative Tree Protection Association, whose object shall be the extermination of the gypsy and brown-tail moths. The officers are: President, Hon. George R. Jones; vice-president, Alderman Charles J. Barton; secretary, Mrs. John Gray; treasurer, A. H. Hayward; executive committee, Mayor Sidney H. Buttrick, Hon. Levi S. Gould, Dr. C. P. Holden, Judson P. Coit and Mrs. Harry Stevens.

H. P. S.

Boston.

The committee which was recently appointed at a conference of the mayors and selectmen of the district invested by gypsy and brown-tail moths is now ready to report on legislation for the extermination of these pests in Massachusetts. The committee will report at the next meeting upon the formation of a metropolitan association and will make recommendations to the next legislature. Dr. H. P. Walcott, chairman of the State Board of Health, is chairman of this committee, and Alfred Akerman, the state forester, is clerk.

The brown-tail has also invested Maine, probably being carried down on the steamers from Boston. It is probable that the legislature of that state will take some action this winter.

H. P. S.

Cincinnati.

Trade for Thanksgiving was all that could be wished for, especially the shipping business. Stock also was very good, and about the only shortage was in American Beauty roses and colored carnations, the red being mostly in demand. Violets sold fairly well, but the buyers did not care to risk more than \$1 per 100. Large chrysanthemums did not bring very good prices, although some sold at \$3 per dozen. Valley and other bulbous stock was plentiful, but did not sell very well. The present week business is very quiet and stocks are accumulating very rapidly in commission houses. A big glut of roses is on and carnations can be had in quantity. A good demand for home-grown violets, accordingly the price has gone to \$1.50 per 100. A good many violets are being sent to this city from Poughkeepsie, N. Y., but 75 cents and \$1 per 100 is the best price obtainable for these.

Julius Baer had the decoration for the Mosler-Rice wedding at the Phoenix club, which was one of the society events of the season, and Mr. Baer, having a carte blanche order, had an opportunity to spread himself.

Hardesty & Company have opened a new store at Lexington, Ky., under the firm name of Hardesty & Oots. James O. Williams, the manager, is one of the most competent artists in the south.

Miss Edith Kyrk had her hands full Wednesday. Two receptions at the Miller and Conkling houses gave her all she wanted to do.

Lester F. Benson's place in Newport, Ky., was visited by fire early Wednesday morning; damage \$300, fully covered by insurance.

John Karsten, Chattanooga, Tenn., was a visitor, stopping over on his way from New York.

A. O.

MILWAUKEE, WIS.—W. H. Ellis has gone out of business, leaving some unsettled claims.

WALTHAM, MASS.—James T. Silman has attracted much attention on the streets lately with a new wagon that is one of the handsomest in the city. It is highly varnished in black with gold trimmings.

HOW TO EARN \$20 to \$50 PER WEEK.

This is an advertisement but is worthy of your careful consideration, as it is a bonafide offer to the readers of the AMERICAN FLORIST for their services this winter—whole or part time.

If you mean business it will pay you to write to the Spaulding Company and get their proposition. Whether you are experienced in their line or not they will outfit you free and instruct you fully each week, so that you will positively make as much as stated above, in cash, and in addition thereto will receive many premiums, not cheap, trashy things but useful and valuable articles which they send their salesmen free, from time to time, by way of appreciation and encouragement.

Working for them is not like representing an ordinary nursery concern, for they are nurserymen of national reputation and can be depended upon to fulfill all agreements with salesmen and customers. They will make life easy and prosperous for you if you give them the chance.

Write them to-day for full particulars.

—ADDRESS—

SPAULDING NURSERY & ORCHARD CO.,
SPAULDING, ILL.



SPECIMEN BOX TREE AT COTTAGE GARDENS, QUEENS, N. Y. See page 764.

(Said to be 120 years old.)

Dreer's Special Offer

OF DECORATIVE PLANTS FOR THE HOLIDAYS.

Our stock of Decorative Plants suitable for the holiday trade is in fine condition, clean, vigorous, healthy stock of good color which will sell at sight.

PALMS.

Areca Lutescens.

| Pots. | Plants in pot. | In. high. | Doz. | 100 | 1000 |
|--------|----------------|-----------|--------|--------|----------|
| 2-in. | 1 | 6 to 8 | \$.75 | \$5.00 | \$ 50.00 |
| 3-in. | 2 | 12 to 15 | 1.00 | 8.00 | 75.00 |
| 4-in. | 2 to 3 | 15 to 18 | 3.00 | 20.00 | 190.00 |
| 5-in. | 3 | 18 to 20 | 5.00 | 40.00 | 350.00 |
| 6-in. | 3 | 24 to 28 | 9.00 | 75.00 | |
| 10-in. | very bushy | 48 to 54 | \$4.00 | each. | |

Calamus Intermedius.

A tropical species with finely feathered, dark green foliage. 6-in. pots, 24 ins. high, \$1.50 each.

Cocos Weddelliana.

| Pots. | In. high. | Per doz. | Per 100 |
|-------|-----------|----------|---------|
| 3-in. | 6 to 8 | \$1.25 | \$10.00 |
| 3-in. | 10 to 12 | 2.00 | 15.00 |
| 4-in. | 15 to 18 | 4.00 | 30.00 |

Specimen plants in 5-in. pots about 18 inches high, 75c each.

Kentia Forsteriana.

| Pots. | Leaves | In. high | Doz. | 100 | 1000 |
|-------------|--------|--------------|--------|---------|---------|
| 2½-in. | 4 | 8 to 10 | \$1.25 | \$10.00 | \$90.00 |
| 3-in. | 5 | 12 to 15 | 2.00 | 15.00 | 140.00 |
| 4-in. | 5 to 6 | 15 | 4.00 | 30.00 | |
| 5-in. | 5 to 6 | 18 | 6.00 | 50.00 | |
| 6-in. | 6 | 28 to 30 | | Each | \$1.00 |
| 6-in. | 6 | 30 to 32 | | | 1.25 |
| 6-in. | 6 | 32 to 36 | | | 1.50 |
| 8-in. | 6 to 7 | 4½ feet | | | 5.00 |
| 9-in. | 6 to 7 | 5 to 5½ feet | | | 6.00 |
| 10-in. | 6 to 7 | 5½ to 6 feet | | | 7.50 |
| 10-in. | 6 to 7 | 6 feet | | | 10.00 |
| 12-in. tubs | 6 to 7 | 6½ feet | | | 12.50 |
| 12-in. tubs | 6 to 7 | 7 to 8 feet | | | 25.00 |

Made-Up Kentia Forsteriana.

The made-up plants are all of exceptional good value, and will be found especially useful for decorative work in the sizes above 5-inch pots.

| Pots. | Plts in pot. | Height. | Per doz. | Per 100 |
|--------|--------------|----------|----------|---------|
| 3-in. | 3 | 10 to 12 | \$2.00 | \$15.00 |
| 4-in. | 3 | 15 to 18 | 4.50 | 35.00 |
| 5-in. | 3 to 4 | 18 | 7.50 | 60.00 |
| Tubs. | Plts in tub. | Feet. | Each | |
| 8-in. | 3 | 4 to 4½ | \$5.00 | |
| 9-in. | 3 | 5 to 5½ | 6.50 | |
| 9-in. | 3 | 5½ to 6 | 7.50 | |
| 10-in. | 3 | 6½ to 7 | 12.50 | |
| 12-in. | 3 to 4 | 6½ to 7 | 15.00 | |
| 12-in. | 3 to 4 | 7 to 8 | 20.00 | |

Kentia Belmoreana.

| Pots. | Leaves. | In. high. | Doz. | 100 | 1000 |
|--------|---------|-----------|--------|--------------|---------|
| 2½-in. | 4 | 8 to 10 | \$1.25 | \$10.00 | \$90.00 |
| 3-in. | 5 | 12 to 15 | 2.00 | 15.00 | 140.00 |
| 4-in. | 5 to 6 | 15 to 18 | 4.50 | 35.00 | 325.00 |
| 5-in. | 5 to 6 | 20 to 22 | 9.00 | 7.00 | |
| 6-in. | 6 | 28 to 30 | | Each, \$1.25 | |
| 6-in. | 6 to 7 | 30 to 36 | | Each, 1.50 | |

Made-Up Kentia Belmoreana.

We have about two hundred plants in 12-inch pots, 3 to 4 plants in a pot, very bushy, shapely plants, from 4½ to 5 feet high, not perfect in some of the foliage, at the same time not badly damaged. We are selling these at \$10.00 each, at which price they are one of the best bargains we have ever offered in decorative stock.

Kentia Sanderiana.

A very nice lot of this beautiful palm.
Fine plants, in 5-in. pots, 18 ins. high, \$1.25 each
" 6-in. pots, 21 " " 1.50 each
" 7-in. pots, 36 " " 3.00 each

Latania Borbonica.

A large stock and best values we have ever given in this palm

| Pots. | Leaves | In. high | Doz. | 100 |
|-------|--------|-----------------------|--------|---------|
| 3-in. | 5 to 6 | 12 to 15 | \$1.00 | \$ 8.00 |
| 4-in. | 5 to 6 | 15 | 2.50 | 20.00 |
| 6-in. | 5 to 6 | 18 to 20 | 6.00 | 50.00 |
| 7-in. | 6 to 7 | 20 to 24 | 9.00 | 70.00 |
| 8-in. | 7 to 8 | 20 to 24 fine plants, | \$1.00 | each |
| 8-in. | 8 to 9 | 24 to 28 | 2.00 | each |

Phoenix Canariensis.

Good decorative plants in tubs 3¼ to 4 feet high, \$6.00 each; 4 to 4½ feet high, \$7.50 each.

Phoenix Rupicola.

A fine lot of specimens in 6-inch pots, about 2 feet high at \$1.50 each.

Rhapis Flabelliformis.

7-inch pots, 36 inches high, with one or two small side shoots, \$2.00 each

Miscellaneous Decorative Plants.

Aspidistra Lurida.

Strong plants of the green leaved variety, 5-inch pots, 8 to 10 leaves, 50c each; \$5.00 per dozen; \$40.00 per 100.

Aucuba Japonica.

Exceptional values in this hardy decorative plant.

| Very bushy plants, | 12 to 15 ins. high. | Each | Doz. |
|--------------------|---------------------|--------|--------|
| " | 18 to 20 | \$.30 | \$3.00 |
| " | 24 | .60 | 4.50 |
| " | 3 feet | .60 | 7.00 |
| " | 3 feet | 3.00 | |

Box Trees—Standard or Tree Shaped.

Stems 15 inches high, crowns 18 inches in diameter, \$1.25 each.
Stems 24 inches high, crowns 18 inches in diameter, \$2.00 each.

Box Trees—Pyramid Shaped.

Shapely plants, 3 feet high, 18 inches in diameter, \$2.00 each.
Shapely plants, 4 feet high, 24 inches in diameter, \$3.50 each.

Bay Trees—Laurus Nobilis.

Standard or Tree Shaped.—All with stems 42 to 45 inches high.

| | |
|------------------------------------|------------------|
| Crowns 24 to 26 inches in diameter | ... \$ 6.00 each |
| Crowns 26 to 28 | " 7.50 each |
| Crowns 30 to 32 | " 10.00 each |
| Crowns 38 to 40 | " 15.00 each |

Dwarf Standard Bay Trees.

Very attractive, stems from 1¼ to 2 feet high with bushy crowns 24 to 26 inches in diameter, \$7.50 each.

Imperial Standard Bays.

An entirely new form; these are really pyramids grown on a stem like an ordinary standard, the stems are about 42 inches high, the pyramidal crown is 4 feet high and from 34 to 36 inches in diameter at base, \$15.00 each.

Pyramidal Shaped Bays.

| | |
|-----------------------------------------|--------------|
| 4½ feet high, 24 ins. in diam. at base, | \$ 6.00 each |
| 5 " 26 to 28 " " | 7.50 each |
| 6 " 30 " " | 10.00 each |
| 6 to 7 " 36 " " | 15.00 each |

Dracaena Terminalis.

Nicely colored plants in 6-inch pots, \$9.00 per dozen.

Adiantum Farleyense.

5-inch pots, nicely furnished, \$9.00 per dozen

Cibotium Schiedei.

Good plants in 7-inch pots \$2.00 each

Boston Ferns.

Elegant plants in 8-inch pots, \$1.00 each
Elegant plants in 12-inch pots, 2.00 each

Scottii—New Boston Fern.

Fine plants in 6-inch pots, \$1.25 each

Pandanus Veitchi.

Nicely colored plants in 6-inch pots, \$1.00 each

Pandanus Sanderi.

Splendid specimens in 9-inch pots, \$3.50 each
Splendid specimens in 10-inch pots, \$5.00 each

Araucaria Excelsa Glauca.

6-inch pots, 16 to 18 ins. high, 3 tiers, \$1.50 each
8-inch pots, 22 to 24 ins. high, 4 to 5 tiers, 2.00 each

Plants for Forcing.

Azaleas for Easter.

On account of Easter this year coming so very late (April 23rd) a season of the year when our regular spring shipments demand our full attention, we have decided not to carry a supply of Azaleas until then, but to close out our entire stock as quickly as possible; therefore, customers who usually procure their supplies late in the spring will do well to cover their needs at once. The principal sorts now in stock are Mme. Van der Cruyzen and Bernhardt Andreas Alba, the two best late flowering sorts of their color; these two varieties can be furnished in any proportion desired, but the selection of other varieties must be left to us. We will still supply early orders at import prices.

| | Per doz. | Per 100 |
|----------------------|----------|---------|
| 12 to 14 inch crowns | \$6.00 | \$45.00 |
| 14 to 16 inch crowns | 7.00 | 55.00 |
| 16 to 18 inch crowns | 12.00 | 100.00 |

Azalea Mollis.

For early and late forcing Azalea Mollis is rapidly gaining favor, easily forced at a minimum cost for heat and labor. They are profitable stock for the retailer to handle. We are supplying at present an unusually fine grade of plants, 15 to 18 inches high and covered with flower buds, \$4.50 per dozen; \$35.00 per 100.

Deutzias for Forcing.

Strong two-year-old field-grown plants suitable for 6-inch pots.

| | Per doz. | Per 100 |
|-------------------|----------|---------|
| Graeffia | \$.75 | \$6.00 |
| Gracilis Rosea | 1.00 | 8.00 |
| Gracilis Lemoinei | 1.00 | 8.00 |

Forcing Lilacs.

A fine lot of pot-grown plants, well set with buds and in prime condition for forcing, \$6.00 per dozen; \$45.00 per 100.

Rhododendrons for Forcing.

These are being used more extensively every season, and this year with Easter at such a very late date should prove especially acceptable, as they can be retarded much easier than Azaleas and at the same time may be flowered at just the right moment at a minimum cost. We are carrying an extra large stock of bushy, well shaped plants 16 to 18 inches high, covered with buds, \$9.00 per dozen; \$70.00 per 100. Larger plants 20 to 24 inches high, fine specimens, \$11.00 per 100; \$90.00 per 100.

HENRY A. DREER, Philadelphia, Pa.

Our Pastimes

Announcements of coming contests or other events of interest to our bowling, shooting and sporting readers are solicited and will be given place in this column.

Address all correspondence for this department to J. H. Pepper, 42 West 28th St., New York; Robt. Kift, 1725 Chestnut St., Philadelphia; or to the American Florist Co., Chicago.

At Chicago.

The weekly games were rolled at Thompson's alleys Tuesday night, with the following results. The Wintersons defeated the Asmus team two out of three, while the Lambros team made the same record against the Hauswirth boys:

| WINTERSONS. | | | |
|-----------------|-----|-----|-----|
| PLAYER. | 1st | 2d | 3d |
| Scott..... | 157 | 138 | 143 |
| Pruner..... | 133 | 176 | 138 |
| G. Balluff..... | 119 | 184 | 117 |
| Degnan..... | 146 | 109 | 100 |
| Stevens..... | 151 | 148 | 115 |
| Total..... | 696 | 755 | 613 |

| ASMUS. | | | |
|-----------------|-----|-----|-----|
| PLAYER. | 1st | 2d | 3d |
| Bergman..... | 133 | 190 | 121 |
| Pasternick..... | 68 | 86 | 113 |
| Beamman..... | 121 | 96 | 203 |
| G. Hill..... | 138 | 113 | 126 |
| Asmus..... | 152 | 158 | 126 |
| Total..... | 652 | 643 | 789 |

| LAMBROS. | | | |
|--------------|-----|-----|-----|
| PLAYER. | 1st | 2d | 3d |
| Lambros..... | 154 | 175 | 137 |
| Huebner..... | 139 | 98 | 107 |
| Venson..... | 163 | 156 | 168 |
| Benekos..... | 113 | 142 | 121 |
| Foster..... | 193 | 134 | 160 |
| Total..... | 762 | 705 | 693 |

| HAUSWIRTHS. | | | |
|----------------------|-----|-----|-----|
| PLAYER. | 1st | 2d | 3d |
| Winterson..... | 116 | 110 | 191 |
| E. Hauswirth..... | 154 | 159 | 139 |
| Buxton..... | 156 | 155 | 119 |
| H. Kluncker..... | 101 | 87 | 116 |
| P. J. Hauswirth..... | 137 | 178 | 194 |
| Total..... | 524 | 689 | 759 |

The ladies rolled on the same evening at Kinsley's alleys, owing to lack of room at Thompson's.

| LADIES. | | | |
|---------------------------|-----|-----|-----|
| Player | 1st | 2d | 3d |
| Mrs. Asmus..... | 95 | 92 | 98 |
| Mrs. Winterson..... | 97 | 86 | 110 |
| Mrs. Lambros..... | 57 | 62 | 57 |
| Mrs. Scott..... | 102 | 82 | 113 |
| Mrs. E. Hauswirth..... | 41 | 34 | 43 |
| Mrs. P. J. Hauswirth..... | 115 | 109 | 122 |

At Boston.

On the evening of November 28 Joseph Breck & Sons took two out of three from Schlegel & Fottler Company in a regular match game of the Seed Trade Bowling League. It was a case of "cripple against cripple," both teams having sick men, which was the cause of the rolling being very low. Taking everything into consideration there was a great deal of interest shown, and the

members of the different teams worked hard for victory. The next match will be rolled December 5 between R. & J. Farquhar & Company and W. W. Rawson & Company. The scores of the last match:

| JOSEPH BRECK & SONS. | | | | |
|----------------------|-----|-----|-----|------|
| Player | 1st | 2d | 3d | T'l |
| Enholm..... | 68 | 80 | 92 | 240 |
| Dacey..... | 72 | 81 | 71 | 224 |
| Webber..... | 76 | 68 | 84 | 228 |
| Armstrong..... | 74 | 75 | 83 | 232 |
| Wheaton..... | 83 | 88 | 86 | 257 |
| Team totals..... | 373 | 392 | 416 | 1181 |

| SCHLEGEL & FOTTLER CO. | | | | |
|------------------------|-----|-----|-----|------|
| Player | 1st | 2d | 3d | T'l |
| Gates..... | 94 | 78 | 81 | 253 |
| Cahill..... | 66 | 68 | 75 | 209 |
| Fay..... | 81 | 86 | 62 | 229 |
| Woods..... | 68 | 68 | 71 | 207 |
| Guernear..... | 77 | 69 | 76 | 222 |
| Team totals..... | 386 | 369 | 365 | 1120 |

The Chrysanthemum.

This is a country of great opportunities. It is a rising nation. Even airships rise sometimes. In this land of the free and home of the brave everything, no matter how lowly, may rise. There, now, is the chrysanthemum. Once, merely a tenant of back gardens, now a dweller in steam-heated conservatories and richly appointed parlors. You may see it snuggled in the arms of dainty women and carried close to hearts for one throb of which a man would give his life. Beaupin to their breasts that it may win them favoring glances. Once it was not good enough to come into the kitchen, and now it stands in a cut-glass jar on virgin linen keeping company with wines and savory food. Its rancid breath, once deplored, is now beloved. Great shows are held in its honor. Prizes are bestowed on it; praises are heaped on it. The lily and the rose are eclipsed.

Will some linguist who knows the language of flowers translate what the chrysanthemum says of its change in circumstances? Is it happier that it revels in the graces of high society than when it lived the simple life in grandma's garden? Is it happier that it clings to the lacey corsage, or nestles in the silken lap, or whirls around in auto or brougham, than when it shared the sunshine with the dahlia and the other gentle-natured, courtly old time flowers that have never forsaken their modesty to reel and rush about in the giddy, dizzy maze?

Meaning no disrespect to the verdict of Fashion and entertaining none but the kindest feelings toward the chrysanthemum, we shall not disseminate our doubt that there exist flowers as worthy as the chrysanthemum to be crowned queen of autumn. There are several points about this petted, pretentious blossom where improvement might be suggested. In the first place it never combs its hair and wears its locks too long. It rejoices in its shaggy and disheveled looks. Would you, Chrysanthemum, have us think you a genius, or a poet or a musician among flowers? Not much. We knew you when you were only a weed, and a rank weed, at that. Are you trying to pose as an ostrich plume, a floral poodle or a frenzied plug of the gridiron?—*Washington Star.*

Meat for Dinner.

"What are we going to have for dinner to-night, mamma?" asked Johnny.

"Horse, as usual, I suppose, dear," replied Mrs. Showmun.

For Mr. Showmun seldom failed to bring back a fund of hindsight from Latonia.—*Cincinnati Commercial Tribune.*

Special Christmas Offer

Southern Decorative Evergreens

WE OFFER

1 case No. 6 Southern Smilax.
1 case No. 6 Holly.
1 dozen Chamaerops Palm Crowns, assorted sizes.
25 Long Needle Pines, assorted sizes, extra selected.
50 Cut Sabal Palm Leaves.
50 Cut Chamaerops Palm Leaves.
For \$10.00, cash with order. Half the above list will be sent for \$6.00.

CURRENT PRICES:

Southern Wild Smilax.

Packed in six different sizes.

| Weight. | Covers sq. ft. | Wall space.... | \$1.00 |
|----------------|----------------|----------------|--------|
| No. 1, 15 lbs. | 100 | " | 1.50 |
| No. 2, 20 lbs. | 200 | " | 2.00 |
| No. 3, 25 lbs. | 300 | " | 2.50 |
| No. 4, 35 lbs. | 400 | " | 2.75 |
| No. 5, 40 lbs. | 500 | " | 3.00 |
| No. 6, 50 lbs. | 600 | " | |

Magnolia Foliage.

Beautiful evergreen, fine for making wreaths that sell at Xmas, and for decorating. Packed in same size cases as Wild Smilax, containing from 100 to 600 sprays. Same price per case.

Long Needle Pines.

Splendid selling for church and house decorations at Christmas season. Stand lots of banding; will not wilt, fade or shop-wear easily; selected stock; ends of stems covered with tin foil. Price, per doz., assorted sizes, 3 to 5 feet, \$1.50; per 100, \$8.00; per 1000, \$75.00.

Chamaerops Palm Crowns.

Invaluable for all kinds of decorations, and always in demand. Our stock is extra fine, and we can supply mammoth specimens up to 10 feet high. Price per doz., assorted sizes 3 to 6 feet, \$3.00; weight per dozen packed 40 lbs. Extra large specimens, 7 to 10 feet, 50c to \$1.00 each.

Chamaerops Palm Leaves.

We are cutting extra large long-stemmed leaves, the finest we have had in years. Price; \$2.50 per 100.

Sabal Palm Leaves.

Ranging in size from 24 to 48 inches in width, stems 2 to 3 feet long \$2.50 per 100. Weight 40 lbs.

Holly.

While the crop of Delaware Holly is reported short and of very poor quality (see AMERICAN FLORIST Nov. 15) we have one of the finest crops we have had in years. And we wish to say that no finer stock can be gotten than we can supply. Large or small branches, as you wish, 16 cubic foot cases solidly packed, \$5.00, freight paid to your door; ¼ cases \$3.00.

Mistletoe.

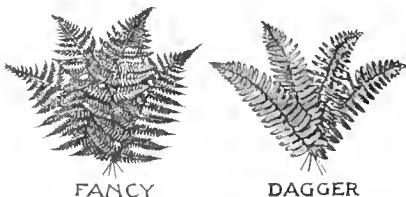
Mistletoe is in greater demand every year. Ours is the finest on the market.
Caldwell's Druid Brand. Quality, not quantity.
Price, 5 lbs., \$2.00; 10 lbs., \$3.00; 25 lbs., \$7.00.

Galax Leaves, green or bronze, per 1000.....\$1.00
Fancy Ferns, per 1000.....1.00
Dagger Ferns, ".....1.00
Leucothoe Sprays, ".....5.00
per 100.....1.00
Sheet Moss, \$1.00 per bale of 10 square feet.
Grey Moss, \$2.00 per sack of 25 lbs.

Caldwell The Woodsman Co.,

INCORPORATED.

EVERGREEN, ALA.



FANCY

DAGGER

Hardy Cut Ferns

First Quality, \$1.00 per 1000.

ALSO DEALER IN

CHRISTMAS TREES, Baled Spruce for Cemetery Use,
Bouquet Green, Sphagnum Moss, Etc.
L. B. BRAGUE, Hinsdale, Mass.

Please mention the American Florist when writing

THE NEW RED ROSE **RICHMOND.**

Every Florist in the Country Will Need Some of This Great Forcing Variety.

It is bright pure scarlet. Has long buds. On long straight stems. It is so near pure tea that it never goes dormant in winter. It is easy to propagate. Easy to grow. Likes a soil and temperature similar to those given to **Bride and Maid**. Is quite as free in bloom as **Bride and Maid**. Was awarded the Silver cup for best new seedling rose at the World's Fair and Special Silver Cup at the Chicago Show for same. **PRICES: \$30.00 per 100; \$70.00 per 250; \$250.00 per 1000.** (500 at 1000 rate.) April 1st Delivery.

ROSALIND ORR ENGLISH.

Received Certificate at Chicago Show. An exquisite pink rose, the brightest tint possible. Has long full buds, on long stiff stems. Very free in bloom and of the easiest management. Easy to propagate. Has beautiful foliage and is very effective when full blown. **\$25.00 per 100; \$200.00 per 1000.**

Come to Richmond and See These Two Grand New Roses.

Carnations

CARDINAL. A red variety that will delight every grower. It has **COLOR, TEXTURE, CONSTITUTION, HABIT, FREEDOM**—All of the very best. Come and see it growing. Also **FIANCEE** and **FRED. BURKI.** All at **\$12.00 per 100; \$100.00 per 1000.**

Chrysanthemums.

A MAGNIFICENT COLLECTION OF NOVELTIES. WE HAVE NINE CERTIFICATES. AWARDS BY THE C. S. A.

Our own seedling, commercial white **DR. GALLOWAY.**

The early white, **C. TOUSET**, (October 8.)

The late white, **JEANNIE NONIN**, (November 18). Winner of the Silver Cup and Sweepstakes at Chicago.

The Two Commercial Yellows: **REVEIL de BELGES**, (October 15) and **ROI d'ITALIE**, (October 22) and

The 4 Grand Exhibition Sorts: **Mlle. ANNA DEBONO.**

SOUV. de CALVAT PERE, MME. EMILE LEMOINE, PREFET BONCOURT.

All at **\$35.00 per 100; \$5.00 per dozen; 50c each.** Also the.

CALVAT SET. THE AUSTRALIANS and WELLS-POCKETT for 1905. THE MARQUIS OF PINS SET.

Besides **BRUANT'S, ROZAIN'S and NONIN'S BEST.** All at the same price as above except **MRS. WM. DUCKHAM**, which is held at **75c each; \$7.50 per dozen; \$50.00 per 100.**

WRITE FOR NEW LIST.

The E. G. HILL CO., Richmond, Ind.

\$2.00

POSTPAID TO
Any ADDRESS



SAVES MANY TIMES ITS PRICE



THE AMERICAN FLORIST COMPANY'S DIRECTORY saves many times its price to every one who catalogues or circularizes the trade. Fully revised to date of publication, it puts the mail only to live names, avoiding waste of postage and printed matter, time and labor.

Contains 412 pages, lists of Florists, Seedsmen and Nurserymen of the United States and Canada by states and towns, also alphabetically; firms that issue catalogues, foreign merchants, horticultural societies and much other up-to-date information which makes it a reference book of daily utility wherever a wholesale trade is done.

Published annually by the

American Florist Co.

324 Dearborn St. CHICAGO.

Buffalo.

Thanksgiving weather was all that could be desired, cool and fair with the exception of Thursday, when rain tried to mar the day, but from our point it was all over and all orders filled. Chrysanthemums were plentiful and of a good quality. Violets were scarce, but of a good quality. Roses were good, but only a small call for them. American Beauty had various prices, from \$4 to \$9 per dozen. Carnations, while no surplus, were of very good quality.

The first of our beautiful snow arrived on Saturday night just as a warning that November was nearing the end. Within a radius of twenty miles of Buffalo snow fell so that there was about two inches on the level. Now for the night fireman at hard work and the coal bin suffering.

Palmer & Son have engaged Miss McNeiss, whose mother is in business in New York, to assist in the lower store. The uptown store reports a good business for Thanksgiving.

S. A. Anderson was first this season with Gloire de Lorraine begonias, which sold well for Thanksgiving. He also had poinsettia plants, but the call for them is one month later.

Palmer & Son had a very fine decoration on Thanksgiving day, while several others had some of minor importance. Mr. Palmer has his store almost completed.

Greenhouse stock is looking fine, and there is every prospect for a good supply for Christmas. Funeral work has been rather quiet.

Professor Cowell has returned from the east, where he was in search of some good specimen plants for South park.

Edward Slattery, manager for Palmer & Son, is in New York.

RISON.

Lowell, Mass.

Thanksgiving business was about the same as in former years. The supply was enough to meet the demand, with the exception of yellow chrysanthemums, which were in limited quantities. Usually after a flurry, such as Thanksgiving, business is practically dead for a few days, but this year the shop men experienced nothing of the sort, and happy was he who had plenty of stock left over, for this was used to an advantage, owing to the large demands for funeral designs, which kept some of us hustling Friday and Saturday. About the only noticeable change in price for Thanksgiving supply was in violets. Callas are now looming up in the shop windows for the first time this season.

Of all the Christmas bells that have been offered for sale for the coming season the folding bell seems to have made a hit. That cover page on the Ladies' Home Journal for December, which is a red bell festooned with a bow of ribbon to match, will certainly go a long way toward helping the florists sell their red bells.

Supply men who were in town this week were Messrs. Mulry, of Sigmund Geller; Birkmann, of M. Rice & Company, and Girard, of Reed & Keller, all of New York city.

Our old friend, Walter Morse, formerly of this town but now connected with Howard, in Somerville, paid us a visit the other day.

E. N. Peirce & Sons, of Waltham, are shipping to town some fine Eaton chrysanthemums.

A. M.

250,000 Rooted Carnation Cuttings.

ORDERS FILLED PROMPTLY ON ARRIVAL.

| PINK. | | Per doz. | 100 | 1000 | SCARLET. | | | | |
|-----------------------|-------|----------|--------|---------|------------------------|-------|------|------|-------|
| Enchantress, light | ..... | 60c | \$3.50 | \$30.00 | G. H. Crane | ..... | 20c | 1.00 | 10.00 |
| Marquis, light | ..... | 20c | 1.00 | 10.00 | America | ..... | 20c | 1.00 | 8.00 |
| Lawson, dark | ..... | 30c | 1.40 | 12.50 | CRIMSON. | | | | |
| Genevieve Lord, light | ..... | 20c | 1.00 | 10.00 | Gov. Roosevelt | ..... | 25c | 1.50 | 15.00 |
| Joost, cerise | ..... | 20c | 1.00 | 10.00 | Harlowarden | ..... | 25c | 1.20 | 12.50 |
| Success, light | ..... | 20c | 1.00 | 10.00 | Gen. Gomez, light | ..... | 20c | 1.00 | 10.00 |
| Mermaid, light | ..... | 20c | 1.00 | 10.00 | YELLOW. | | | | |
| Cressbrook | ..... | 20c | 1.00 | 10.00 | Eldorado | ..... | 20c | 1.00 | 10.00 |
| WHITE. | | | | | VARIEGATED. | | | | |
| Flora Hill | ..... | 20c | 1.00 | 10.00 | Prosperity, fancy | ..... | 25c | 1.40 | 12.50 |
| Queen Louise | ..... | 20c | 1.00 | 10.00 | Violantia, still ahead | ..... | 1.50 | 5.50 | 50.00 |
| Wolcott | ..... | 20c | 1.00 | 10.00 | Marshall Field | ..... | 25c | 1.40 | 12.50 |
| Alba | ..... | 25c | 1.50 | 15.00 | Armazindy | ..... | 20c | 1.00 | 8.00 |
| Norway | ..... | 20c | 1.00 | 10.00 | | | | | |

ASPARAGUS PLUMOSUS NANUS.

3 1/2-inch.....per 100, \$3.50; per 1000, \$30.00 New Crop Seed, per 1000.....\$5.00

Express Prepaid. Cash or C. O. D., with Privilege of Examining.

Western Carnation Company ROCKLIN, CAL.

Rooted CARNATION CUTTINGS

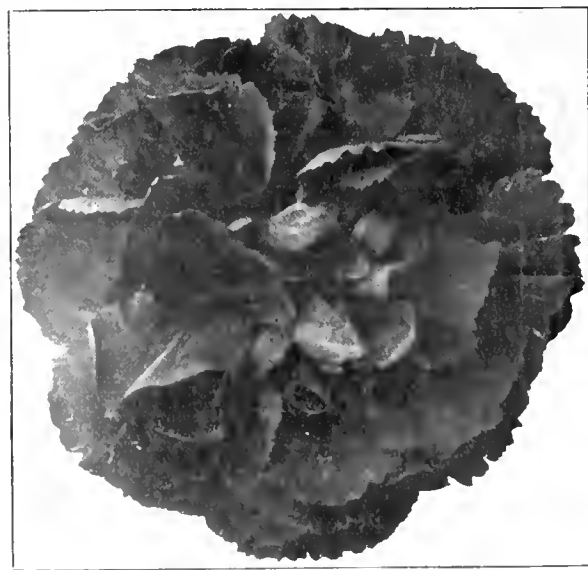
NOW READY

THESE LOW PRICES GOOD ONLY UP TO DECEMBER 25th....

| WHITE. | | Per 100 | 1000 | SCARLET. | | Per 100 | 1000 |
|----------------------|-------|---------|---------|----------------|-------|---------|-------|
| America | ..... | \$1.00 | \$10.00 | America | ..... | 1.00 | 10.00 |
| Flora Hill | ..... | 1.00 | 10.00 | Potter Palmer | ..... | 1.00 | 10.00 |
| Alba | ..... | 1.40 | 12.50 | Estelle | ..... | 1.40 | 12.50 |
| Gov. Wolcott | ..... | 1.00 | 10.00 | J. H. Manley | ..... | 1.50 | 15.00 |
| Norway | ..... | 1.00 | 10.00 | Apollo | ..... | 1.50 | 15.00 |
| Lillian Pond | ..... | 1.40 | 12.50 | CRIMSON. | | | |
| Chicot | ..... | 1.20 | 10.00 | Harlowarden | ..... | 1.40 | 12.50 |
| PINK. | | | | Gov. Roosevelt | ..... | 1.20 | 10.00 |
| Mrs. Thos. Lawson | ..... | 1.40 | 12.50 | YELLOW. | | | |
| Enchantress | ..... | 4.00 | 35.00 | Golden Beauty | ..... | 1.40 | 12.50 |
| Mrs. Joost | ..... | 1.00 | 10.00 | Eldorado | ..... | 1.00 | 10.00 |
| Success | ..... | 1.00 | 10.00 | VARIEGATED. | | | |
| Mermaid | ..... | 1.00 | 10.00 | Prosperity | ..... | 1.40 | 12.50 |
| Cressbrook | ..... | 1.00 | 10.00 | Marshall Field | ..... | 1.40 | 12.50 |
| Pres. McKinley | ..... | 1.40 | 12.50 | Stella | ..... | 1.40 | 12.50 |
| Mrs. Theo. Roosevelt | ..... | 1.40 | 12.50 | Armazindy | ..... | 1.00 | 10.00 |
| SCARLET. | | | | Viola Allen | ..... | 1.20 | 11.00 |
| G. H. Crane | ..... | 1.00 | 10.00 | Gaiety | ..... | 1.20 | 11.00 |

Special prices on large lots. Unrooted pips at half price of above. 25 at 100; 250 at 1000 rates. Express prepaid at above prices. Cash or C. O. D. with privilege of examining.

LOOMIS FLORAL COMPANY, Loomis, Cal.



Richmond Gem.

The finest commercial scarlet ever introduced. Place your order early. Send for circular.

Price, \$10.00 per 100; \$75.00 per 1000.

B. K. & B. Floral Co.
RICHMOND, IND.

FANCY CARNATIONS FANCY ROSES

WE HAVE THE BEST THE
MARKET AFFORDS.

Long Fine Stevia, \$2.00 Per 100.

Write to Us Now in Regard to Your Wants for Christmas.

A. L. RANDALL CO.

19 Randolph Street,

CHICAGO, ILL.

The KING of all Carnations.

THE NEW.... SCARLET SEEDLING ROBERT CRAIG

The largest, strongest stemmed, most vigorous, healthiest growing, most fragrant, and the best FANCY COMMERCIAL SCARLET CARNATION produced to date. Ranks with Enchantress and Fiancee, having defeated the latter variety in all competitions in Philadelphia.

THE IDEAL CHRISTMAS CARNATION. AN ENORMOUS BLOOM just the color of the Christmas Holly Berry. An easy doer. Anybody can grow it. Having already orders for 100,000 cuttings for delivery season of 1906, we are still booking orders subject to buyer's cancellation if dissatisfied with variety at any time up to December 1st, 1905.

PRICES \$2.50 per dozen; \$12.00 per 100; \$100.00 per 1000.
2,500 lots at \$95.00 per 1000. 5,000 lots at \$90.00 per 1000. 10,000 lots or more at \$80.00 per 1000.

SEND YOUR ORDERS EARLY TO

C. W. WARD, ORIGINATOR,
QUEENS, N. Y.

COTTAGE GARDENS COMPANY INC.

ROBERT CRAIG (WARD)

has been awarded the following honors:

PRELIMINARY CERTIFICATE.

American Carnation Society.

SPECIAL DIPLOMA.

American Institute of New York.

FIRST CLASS CERTIFICATE OF MERIT.

Mass. Horticultural Society.

FIRST CLASS CERTIFICATE OF MERIT.

Penn. Horticultural Society.

FIRST CLASS CERTIFICATE OF MERIT.

New York Florists' Club.

CRAIG CUP, for best undisseminated seedling.

Philadelphia.

G. HARTMAN KUHN, SPECIAL PRIZE, for

best undisseminated seedling.

Philadelphia.

Carnation Rooted Cuttings.

| NOW READY. | Per 100 | 1000 |
|-------------------------------------|---------|---------|
| QUEEN LOUISE, fine white..... | \$1.20 | \$10.00 |
| ALBA, large white..... | 1.40 | 12.50 |
| AMERICA, red..... | 1.00 | 10.00 |
| MRS. POTTER PALMER, big scarlet.... | 1.20 | 10.00 |
| G. H. CRANE, scarlet..... | 1.20 | 10.00 |
| ELORADO, yellow..... | 1.20 | 10.00 |
| MARSHALL FIELD, barred..... | 1.40 | 12.00 |
| ARMANDINDY, barred..... | 1.00 | 10.00 |
| MRS. JOOST, pink..... | 1.20 | 10.00 |
| LAWSON, pink..... | 1.40 | 12.50 |
| PRES. MCKINLEY, pink..... | 1.40 | 12.50 |
| SUCCESS, light pink..... | 1.20 | 10.00 |
| HARLOWARDEN, crimson..... | 1.40 | 12.50 |
| GOV. ROOSEVELT, crimson..... | 1.20 | 10.00 |

UNROOTED CUTTINGS HALF PRICE.

TERMS: Cash with order or C. O. D. with privilege of examination. Express prepaid at above prices. All plants warranted true to name and well-rooted.

HERMITAGE CARNATION CO., Loomis, Cal.

CARNATION CUTTINGS

FROM SELECTED STOCK.

| | Per 100 | Per 1000 |
|------------------------|---------|----------|
| NELSON FISHER..... | \$7.00 | \$60.00 |
| MRS. M. A. PATTEN..... | 6.00 | 50.00 |
| FLAMINGO..... | 6.00 | 50.00 |
| CRUSADER..... | 6.00 | 50.00 |
| D. WHITNEY..... | 5.00 | 40.00 |
| ENCHANTRESS..... | 4.00 | 30.00 |
| H. FENN..... | 3.00 | 25.00 |
| MANLEY..... | 3.00 | 25.00 |
| FAIR MAID..... | 2.50 | 20.00 |
| QUEEN..... | 3.00 | 25.00 |

BACKER & CO., Billerica, Mass.

RED SPORT

(OF NACEO)

THE NEW "BREAD AND BUTTER" COMMERCIAL RED CARNATION.

If you are interested in a brilliant "Crane" red that there is money in, read our half page adv., page 705 AMERICAN FLORIST.

A. B. DAVIS & SON, Carnation Specialists,
PURCELLVILLE, VA.

Palmer's

Red Lawson

NOW READY!

SPORT FROM THE FAMOUS
MRS. THOMAS LAWSON

Planted May 18th, in full crop middle of August

ROOTED CUTTINGS:

\$10.00 per 100

\$40.00 per 500

\$75.00 per 1000

Ask your *Brother Florist* if he saw it at the Detroit Carnation Show. Ten to one he will say it's a good carnation to grow. Received **CERTIFICATE OF MERIT** at Detroit Carnation Show—scoring 87 pts.

W. J. Palmer & Son

Lancaster, N. Y.

New Carnation WM. PENN

A very pleasing shade of pink, the best bloomer I ever saw and a good healthy grower. Every grower of carnations should plant this variety. Send for descriptive list.

Price per 100, \$10.00. Per 25, \$2.50. Price per 1000, \$75.00. Per 250, \$18.75.

CARNATIONS. ROOTED CUTTINGS.

| | Per 100 | 1000 | | Per 100 | 1000 |
|---------------------|---------|---------|--------------------|---------|---------|
| Queen Louise..... | \$1.25 | \$10.00 | Harry Fenn..... | \$1.50 | \$12.50 |
| Lillian Pond..... | 1.50 | 12.50 | Enchantress..... | 2.50 | 20.00 |
| Mrs. Nelson..... | 2.00 | 15.00 | Nelson Fisher..... | 5.00 | 40.00 |
| Floriana..... | 1.50 | 12.50 | M. A. Patten..... | 5.00 | 40.00 |
| Mrs. Roosevelt..... | 1.50 | 12.50 | Crusader..... | 5.00 | 40.00 |

SEND FOR LIST

ALBERT M. HERR,

Lancaster, Pa.

Please Mention The American Florist When Writing.

Indianapolis.

Thanksgiving business in general was fair. There was less call for violets than last year. Chrysanthemums and carnations were best in demand. Some eastern violets were seen in this market, but they could not hold a candle to the home grown goods.

H. Junge and C. Sonnenschmidt made a visit to New Castle, remaining long enough to see the South Park Floral Company and Benthley-Coatsworth Company's places. At Benthley's the roses, Bride, Bridesmaid and American Beauty looked as fine as ever. At the South Park Floral Company they were shown around by Messrs. Heller. The roses were fully up to the New Castle standard. A bench of General MacArthur made a fine showing in foliage and flower. Half a bench of a French novelty with immense buds of a beautiful shell-pink were a fine sight. A bench of Maman Cochet is a sort of a novelty in these parts. Messrs. Heller consider it a very fine flower. Carnations are a new feature in this establishment, though an old love of Herbert Heller. They look very thrifty. All the renowned novelties are on trial. Among the latest additions to their range is a house 44x300 feet. It is considered the best house on the place and is planted with Bride and Bridesmaid roses. The company makes all its own shipping boxes, maintaining a little lumber yard with circular saw, etc.

Philip Conway is the first in this city using a pump to return condensation to the boiler, which stands on a level with the houses. He reports his system highly satisfactory. His suit against a neighboring brick manufactory for injuring plants by gases from the kiln is now before the supreme court.

H. H. Junge is suffering from a broken rib, caused by falling over a chair. J.

Omaha.

Thanksgiving day is past and so are the chrysanthemums. Thanksgiving day proved over again that cheaper flowers are wanted for that day, chrysanthemums, carnations, stevias, and narcissi each taking the lead. Medium chrysanthemums especially are wanted, flowers that can be retailed for \$1.50 to \$3 per dozen. American Beauty roses sold well, but the tea roses went slow, although the stock was fine, and customers here will pay no Christmas prices for violets on Thanksgiving day, especially when the thermometer is at 65° out of doors. Potted plants, such as Lorraine begonias and cyclamens, sold well and brought good prices. Most of the dealers report good business. Business has been very good all through November and prices keep normal, with no surplus stock.

Hess & Swoboda are displaying a fine lot of cattleyas in bloom, and they sell well. Poinsettias are displayed in most of the windows, and they help to make a window attractive now that the chrysanthemums are gone.

Mrs. Paul Floth has been very ill for the past three weeks, but we are glad to say she is getting along fine and will be up and around soon.

The Nebraska Florists' Club has decided to have a bowling match December 8 and a good time is promised.

GRIPPE.

So Up-To-Date.

AMERICAN FLORIST CO.:—Enclosed find price of subscription for the AMERICAN FLORIST. We like it—it is so up-to-date.
O. A. A. GARDNER.

If You Want the **BEST** Commercial **SCARLET** Carnation Buy

...CRISIS...

Cuttings ready January, 1904. \$2.00 per doz.; \$12.00 per 100; \$100.00 per 1000; \$95.00 per 1000 in 5,000 lots. Prices on larger quantities on application.

DAVIS BROS. CO.,

BLOOMSBURG, PA.

Chrysanthemum Stock Plants

Select your stock for next season's planting when the varieties are first in your mind.

Wm. Duckham, Dr. Engnehard, S. T. Wright, Ben Wells, W. R. Church, General Hutton, John Burton, Helen Frick, Mrs. Nathan Smith, F. A. Cobbold, Henry Barnes

20c Each; \$2.00 Per Doz.

Mrs. T. W. Pockett, Nellie Pockett, F. S. Vallis, Princess, Mildred Ware, Mrs. E. Thirkell

15c Each; \$1.50 Per Doz.

Golden Wedding, Glory of Pacific, T. Eaton, Monrovia, Robinson, Halliday, Yellow Jerome Jones, Bonnaillon, Pink and White Ivory, Midge, G. S. Kalb, Black Hawk, Childs, Lincoln, Misoerva, Adula, Bloodgood, Mutual Friend, Perrin, Maud Dean, Nagoya, Shrimpton, Golden Trophy

5c Each; 50c Per Doz.; \$3 50 Per 100.

Sweet Peas for planting after Chrysanthemums. Emily Henderson, White Countess of Radnor, Lavender, Salopian, Red Katherine Tracy, Light Pink. Strong plants, 10-inch high, from 4-inch pots, 50c per dozen; \$3.50 per 100.

The WM. SCOTT CO., Corfu, N. Y.

Rooted Carnation Cuttings

JANUARY DELIVERY. All Orders Filled in Rotation.

| | Per 100 |
|----------------------------------------|---------|
| Mrs. M. A. Patten..... variegated..... | \$6 00 |
| White Lawson..... | 6 00 |
| Flamingo..... scarlet..... | 6 00 |
| Albatross..... white..... | 6 10 |
| Enchantress..... | 3 50 |
| Queen..... white..... | 3 00 |
| Boston Market..... white..... | 3 00 |
| Queen Louise, Lawson..... | 2 00 |
| J. H. Manley..... scarlet..... | 2 00 |
| Challenger..... scarlet..... | 2 00 |

Write for Prices on Large Lots. 5 Per Cent Discount for Cash with Order.

Jas. D. Cockcroft, NORTHPORT, L. I., N. Y.

CHRYSANTHEMUM

STOCK PLANTS.

\$8.00 per hundred, or \$1.50 per dozen.

White—Timothy Eaton, Jerome Jones, White Bonnaillon.

Yellow—Appletot, Mrs. Thirkell, Monier, C. J. Salter, Percy Plumeridge, Yellow Jones, Golden Wedding.

Pink—Shaw, Morel, Silver Queen, Marion Newell. Extra fine DUCKHAM, 25 cents each.

Bassett & Washburn,
HINSDALE, ILL.

CHRYSANTHEMUMS...

STOCK PLANTS of Duckham, Balfour, Halliday, White and Yellow Bonnaillon, Minnie Bailey, Eaton Pacific, Kalb, Whilldin. A large stock of Ivory. Write for prices.

WM. S. WAYNE,

Box 226, KENNETT SQUARE, PA.

Carnation Plants.

Fine Large and Healthy Field-Grown Plants. Extra Good. \$5.00 per 100; \$45.00 per 1000.

Terms cash at these prices.

1,000 Scoll, 500 Glacier,
500 Flora Hill, 500 Morning Glory.
500 Marquis. If sold alone \$6.00 per 100.
600 Crane,

J. C. RENNISON, Sioux City, Ia.

Please mention the American Florist when writing.

CARNATION PLANTS.

All sold except 1000 Flora Hill, 200 Morning Glory, 50 Gomez. \$3.50 per 100; \$30.00 per 1000 as long as they last. They are fine stock.

W. H. WATSON, Lapeer, Mich.

Please mention the American Florist when writing.

POTTED Carnations

Plant them after Chrysanthemums.

Wm. Scott, Queen Louise, Crocker,
Lorna, White Cloud, C. M. Bradt
and other varieties. Send for list.
Price, \$5.00 per 100.

J. L. DILLON, - Bloomsburg, Pa.

We Are Selling Agents

—FOR—

GIBSON BEAUTY and WHITE SWAN CARNATIONS.

Shall be pleased to have you correspond with us in regard to prices. Write

GEO. A. KUHLE, Pekin, Ill.

KEEPS 'EM DOWN.

Erie, Pa.

Without your request we wish to testify that we find the Fumigating Kind a valuable fumigator. We have used it with good effect.

SCHLURAFF FLORAL CO.

See page 799.

SHIPPING LABELS FOR

...Cut Flowers

Printed in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Very attractive. Price per 500, \$2.85; per 1000, \$4.50. Send for samples.

ELECTRO OF THE LEAF, POSTPAID, \$1.25.

American Florist Co.,

CHICAGO.

BUCKBEE'S CHRYSANTHEMUMS Took the Leading Prizes At Flower Shows.

HIGH-GRADE STOCK PLANTS.

25 Cents Each; \$2.50 per Doz.

Mrs. H. W. Buckbee
Percy Plumridge
Rockford
Dr. Enguehard
S. T. Wright
Thos. Humphreys
Ben Wells
F. A. Cobbold
Mildred Ware
William Duckham

15 Cents Each; \$1.50 per Doz.

Alice Byron
Convention Hall
C. J. Salter
W. R. Church
Donald McLeod
Mrs. J. C. Neville
Maynell
Henry Second
Mrs. T. Longley
Harrison Dick

10 Cents Each; \$1.00 per Doz.

Mrs. E. Thirkell
Mrs. T. W. Pickett
T. Carrington
Mrs. Barclay
Lily Mountford
La Fusion
Goldmine
H. W. Buckbee
Columbia
Nellie Pickett

FOREST CITY GREENHOUSES.
ROCKFORD SEED FARMS.

H. W. BUCKBEE,

Rockford, Ill.

FRED BURKI

IS THE IDEAL

Commercial White Carnation

Its freedom of bloom, coupled with its other meritorious qualities, will commend it to the most conservative growers. You will make no mistake by growing Fred Burki.

\$12 per 100; \$100 per 1000. 250 at 1000 rates.

—WRITE FOR DESCRIPTIVE CIRCULAR.—

JOHN MURCHIE,
Sharon, Pa.S. S. SKIDELSKY,
824 No. 24th St., Philadelphia.

Wm. Duckham

Strong Fine Clumps, \$1.00 per doz.

ALICE BYRON.....\$1.00 per dozen

Rooted Carnation Cuttings.

| | Per 100 | Per 1000 |
|-------------------|---------|----------|
| WHITE LAWSON..... | \$6.00 | \$50.00 |
| FLAMINGO..... | 5.00 | 40.00 |
| ENCHANTRESS..... | 3.50 | 30.00 |
| THE QUEEN..... | 3.00 | 25.00 |
| FAIR MAID..... | 3.00 | 25.00 |

LARCHMONT NURSERIES

LARCHMONT, N. Y.

Chrysanthemum STOCK PLANTS.

WM. DUCKHAM, 8 to 10 live shoots, \$2.00 per doz.
Grown by Fritz Bahr, Highland Park, Ill.

Send Orders to

E. F. Winterson Co.

45-47-49 Wabash Ave.,
CHICAGO.

CHRYSANTHEMUM STOCK PLANTS.

WM. DUCKHAM, pink, \$10.00 per 100.

CHICAGO CARNATION CO., JOLIET, ILL.

Wm. Duckham

STOCK PLANTS, 15 cents each; \$1.50 per dozen.
2½-inch pots, 75 cents per dozen.
Immediate delivery.

Emil Glauber,

Montclair, Colo.

Chrysanthemums.

Stock plants now ready. Large strong and healthy. Glory of Pacific, Polly Rose, Willowbrook, Ivory, Pink Ivory, \$1.00 per doz.; \$6.00 per 100. Munrovia, Robt. Halliday, \$1.00 per doz.; \$7.00 per 100.

Engagements solicited for rooted Carnation Cuttings. Delivery January 1st and later.

H. WEBER & SONS, Oakland, Md.

World's Fair Prize Winners

THE NEW WHITE CHRYSANTHEMUMS

Majestic and Adelia

90 points

Commercial Scale

89 points.

Having an immense stock of these sterling varieties we have decided to offer them at the following prices: Rooted Cuttings, \$3.00 per dozen; \$15.00 per hundred; \$125.00 per thousand. From 2-inch pots 5 cents additional.

Carnations, WHITE LAWSON, R. C., \$6.00 per 100; \$50.00 per 1000.
FLAMINGO, \$6.00 per 100; \$50.00 per 1000.

The New Pink Rose LA DETROIT.

Fine field-grown, immediate delivery, \$15.00 per 100; \$125.00 per 1000.

JOHN BREITMEYER'S SONS, DETROIT, MICH.

Stock Plants of Chrysanthemums

—EXTRA LARGE CLUMPS.—

WHILE THEY LAST AT THE FOLLOWING PRICES:

Amorita, May Foster, Marie Liger, Omega, Timothy Eaton and Walter Molatsch, \$10.00 per 100.
Cheltoni, Dr. Enguehard, F. S. Vallis, Marion Newell, Mrs. Coombes, Wm. E. Chadwick, W. A. Etherington, Wm. Duckham and Yellow Eaton, \$15.00 per 100.
A. J. Balfour, Baccace, Ben Wells, Convention Hall, C. J. Salter, F. A. Cobbold, Golden Chadwick, Harrison Dick, Harry Plumridge, Leila Filkins, Lord Salisbury, Mlle. Martha Morel, Miss Helen Frick, Mrs. H. W. Buckbee, Mrs. E. Thirkell, Maynell, M. F. Vuillermet, Percy Plumridge, Rockford, Sunburst and Wm. R. Church, \$20.00 per 100.

Chicago, Vaughan's Greenhouses, Western Springs, Ill.

Wm. P. Craig, 1224 Cherry St., Philadelphia, Pa.

Representing Joseph Heacock and John Burton, Assignees.

PALMS, FERNS, CROTONS and DECORATIVE PLANTS.

Please mention the American Florist when writing.

Christmas Number DECEMBER 10.

Send Advertisement NOW.

B. & A. Specialties.

AZALEAS. CHRISTMAS BLOOMING.

Deutsche Perle (white) Prof. Wolters,
Simoa Mardner (red) Ber. Andrea Alha,
Verveneana (pink) Schryveriana, Niohe,
Van der Cruysen, Emperor of Brazil,
Empress of India, Chicago, and others.

| | Per doz. | Per 100 |
|----------------------------|----------|---------|
| 10-12 inches diameter..... | \$ 4.00 | \$35.00 |
| 12-14 inches diameter..... | 6.00 | 45.00 |
| 14-15 inches diameter..... | 7.50 | 60.00 |
| 15-16 inches diameter..... | 9.00 | 75.00 |
| 16-18 inches diameter..... | 12.00 | 90.00 |
| 18-20 inches diameter..... | 25.00 | 200.00 |
| 20-24 inches diameter..... | 36.00 | 300.00 |

ACACIA ARMATA OR PARADOXA.

| | Per doz. |
|--------------------------------|----------|
| Pot-grown and well budded..... | \$10.00 |
| 18-24 inches..... | 12.50 |
| 2-3 feet, extra fine..... | 12.50 |

Dutch, French, Japanese and Chinese Bulbs.
ASK FOR SURPLUS LIST.

See catalogue for Palms, Bay Trees, Evergreens,
Shrubs, Ornamental Trees and other stock.



Send to **THE MOON**
Company
For Trees, Shrubs, Vines
Your and Small Fruits.
Descriptive Illustrated Catalogue Free.
THE WM. H. MOON CO.
Morrisville, Pa.

Peonies....

A very select assortment; more than 150
choice varieties, containing the best
standard kinds.

HARJO ORNAMENTAL NURSERY STOCK in great
variety at low prices. Ask for Wholesale
Trade List.

J. DYKHUIS & CO., BOSKOOP, HOLLAND.

The Storrs & Harrison Co.

PAINESVILLE NURSERIES.
CATALOGUES AND PRICE LISTS
FREE ON APPLICATION.....

Painesville, Ohio.

HAERENS EXOTIC NURSERIES

SOMERCEM, GHENT, BELGIUM.

Furnish PALMS, ARAUCARIAS, BAY TREES, FIGS and
other decorative plants for 1915. Spring delivery,
in prime quality, carefully packed. For trade list
address the American Agents

August Rölker & Sons

31 Barclay St., P. O. Box 752, NEW YORK.

TREES and SHRUBS.

FINE VARIETIES. LOW PRICES.

For both Wholesale and Retail Trade. Send
for catalogue.

Peterson Nursery, Lincoln & Peterson Aves.,
CHICAGO ILL.

Can Not Get Along Without It.

AM. FLORIST CO.:—Please find enclosed
money order for \$1 in payment of one
year's subscription to the AMERICAN
FLORIST. We can not get along with-
out it. C. M. ELLIS.

From New South Wales.

AMERICAN FLORIST CO.:—Enclosed
please find postoffice order in payment of
my subscription to the AMERICAN FLO-
RIST, which reaches me with regularity
and often contains articles and advertise-
ments that are of considerable interest
to me in my business.

R. CHIESEMAN.

| BOXWOOD, PYRAMIDAL. | Each |
|---------------------------------------------------------------------|------------------------|
| 15-18 inches..... | \$.50 |
| 18-24 inches..... | .75 |
| 2 feet..... | 1.00 |
| 2½ feet..... | 1.50 |
| 3 feet..... | 2.00 |
| 3½ feet..... | 2.50 |
| 4 feet..... | 3.50 |
| 5 feet..... | 4.00 |
| 5-6 feet high, nicely shaped..... | per pair \$10 to \$15. |
| For window boxes, bushy plants, 25c, 35c, 50c, 65c and 75c each. | |

| CALLAS. | Per 100 |
|----------------------------------|---------|
| Fine blooming size..... | \$4.50 |
| Selected size..... | 6.50 |
| Mammoth size..... | 8.50 |
| SINGLE TUBEROUS ROOTED BECONIAS. | |
| 5 colors separate, 1st size..... | 3.00 |
| 5 colors separate, 2d size..... | 2.00 |

POT-GROWN SHRUBS FOR FORCING.
The following are all handsome, bushy well
grown plants, well budded, and will prove a
profitable investment to any one. Plants are all
2½ to 3½ feet. Per doz.
Acer Negundo variegata.....\$6.50

Bobbink & Atkins, NURSERYMEN
AND FLORISTS
RUTHERFORD, NEW JERSEY.

Crimson Ramblers.

HOME-GROWN, OWN ROOTS.

Extra strong, two-year, 4 to 6 feet long, per 10.....\$1.65 per 100.....\$15.0
First size, two-year, 4 feet long, per 10.....1.50 per 100.....12.00

ARTHUR T. BODDINGTON, SEEDS, BULBS PLANTS, NEW YORK.
342 West 14th St.,

For Fall Trade.

WE OFFER AN IMMENSE STOCK OF

WIER'S CUT LEAF MAPLES, TULIP TREES,
AZALEA INDICA (Home Grown),
GARDENIAS,
MAGNOLIA GRANDIFLORA,
ORANGES and LEMON (Grafted).
BUBBERS, KENTIAS, LATANIAS,
CHAMAEROPS, PHOENIX and a
GENERAL LINE OF NURSERY STOCK.

All Healthy and Clean Send for prices,
P. J. BERCKMANS CO., Inc.,
Fruitland Nurseries, Augusta, Ga.
Please mention the American Florist when writing.

BABY RAMBLER

The New Rose

Strong dormant plants for December
delivery. \$4.50 per dozen;
\$35.00 per 100.

James Vick's Sons,
ROCHESTER, N. Y.

Please mention the American Florist when writing.

Surplus Stock. Clematis, pot-grown, in
leading var., with 50%
Jackmanii, 3 to 4 feet high, 1 to 3 shoots, \$65.00
per 1000. Clematis, field-grown, 2 to 3 years old,
strong shoots, with 50% Jackmanii, \$120.00 per
1000. Tree Roses, in leading var., strong heads
and stems, \$180.00 per 100. Low budded Roses
in leading var., 2 years old, \$40.00 per 1000. Climbing
Roses, in leading var., 3 to 4 feet high, with plenty
of shoots, \$70.00 per 1000. Turner Crimson Ramblers,
3 to 4 feet high, strong shoots, \$50.00 per 1000.
Caprifolium, (Honeysuckle) in var.: 5 feet high,
strong shoots, \$120.00 per 100. Viburnum Opulus.
(Snowball), strong shrubs, 2 to 3 feet high, \$70.00
per 1000. Lilacs, field-grown, 3 years old, in var.,
as Mary Legraye and Charles X., \$11.00 per 100.
This quotation is only for a short while and you
better take advantage of it at once. All other
nursery stock prices upon application.

W. Van Kleef & Sons, The Nurseries,
Boskoop, Holland.
NO AGENTS. NO AGENTS.

| | |
|----------------------------------------------------------------------------|------|
| Azalea Mollis, 12-15 inches..... | 4.50 |
| " 15-18 inches..... | 6.50 |
| Crataegus Pauli..... | 9.00 |
| Cherries, double flowering..... | 7.50 |
| Deutzia gracilis..... | 2.00 |
| " Lemnol..... | 2.50 |
| Lilacs, Charles X, blue; Marie Legraye, white; Lemoine, dbl. white..... | 9.00 |
| Malus Floribunda..... | 9.00 |
| Staphylea Colchica..... | 6.00 |
| Viburnum Opulus..... | 6.00 |
| " Plicatum..... | 6.00 |
| Weigella, Eva Rathke..... | 7.50 |

STANDARDS.

| | |
|-------------------------|-------|
| Lilacs, in variety..... | 12.00 |
| Viburnum Opulus..... | 12.00 |
| Wistaria..... | 18.00 |

PAEONIAS.

| | |
|-----------------------------|--------------|
| Officialis rubra plena..... | Per doz. 100 |
| " alba..... | \$1.00 80 00 |
| " rosea..... | 2.00 15 00 |
| "..... | 1.50 12 00 |

Chinensis, 50 in 50 varieties, \$15.00 per collections
White, red, pink; good named varieties in equal
quantities, \$8.00 per 100.

Paeonia Arborea (Tree Peony) in variety, \$9.00 and
\$12.00 per 12.

Free on Board (f.o.b.) ST. Louis
ARID-CLIMATE

Rose Bushes

FIELD-GROWN. OWN ROOTS.

Write for printed prices and list of varieties.
Choice assortment leading kinds.
Spring shipments only.

CHASE ROSE CO.

(Incorporated.)

RIVERSIDE, CALIFORNIA.

Philadelphia Rambler.

Flowers brighter and much more double
than Crimson Rambler, strong grower,
blooms earlier and does not bleach out.

2½-inch plants.....\$6.00 per 100; \$50.00 per 1000
4-inch plants.....2.00 per doz.; 15.00 per 100
6-inch plants.....3.00 per doz.; 22.50 per 100

The Conard & Jones Co., WEST GROVE,
PA.

Jacs Smits, Ltd. NAARDEN
(Holland.)

Wholesale Growers of Hardy Fancy,
Ornamental nursery stock, pot-grown forcing plants. Lilacs
a specialty. Berlin and Hamburg Valley—the
best quality. Catalogue free on demand.

When in Europe please inspect our nurseries.
NAARDEN-BUSSUM, near Amsterdam, in our R. R. Depot.

When in Europe come and see us and inspect our
extensive Nurseries. Gouda is our railroad depot.

HARDY, FANCY ORNAMENTAL NURSERY STOCK.

J. Blaauw & Co.,
BOSKOOP, HOLLAND.

Catalogue free on demand. Headquarters for the
famous Colorado Blue Spruces, purest, bluest strain

Munson Nurseries.

New catalogue now ready. "Can't buy trees
right without it." Get it of

T. V. MUNSON & SON, Denison, Tex.

The MUNSON GREENHOUSES. Cut flowers
and Bedding Plants for retail trade.
WILL B. MUNSON, Denison, Tex.

ELI CROSS, Grand Rapids, Mich.

Syracuse, N. Y.

Thanksgiving trade was the best it has been in years, the establishments of the florists on the day before Thanksgiving having the appearance of Christmas or Easter. Chrysanthemums, carnations, violets and American Beauty roses were the favorites and the stock was well cleaned up. This is practically the last of chrysanthemums for this season. They brought from \$2.50 to \$4 per dozen. Carnations brought from 75 cents to \$1.25 per dozen, violets \$2.50 per hundred and American Beauty from \$3 to \$9 per dozen.

Henry Morris had the decoration for the charity ball which was held on Thanksgiving eve at the Albambra. Some of the most beautiful effects were produced ever seen here. At the corners of each of the twenty-four boxes stood a bay or a box tree. The two-foot space back of the boxes was filled in with a background of palms. On the stage was a railing covered with evergreen and with an arch in the center. In front of this railing of foliage was a row of eight pyramid box trees. All through the railing and box trees were multi-colored electric lights. Against the back curtain of the stage was a screen of palms. In all the decoration took over 100 plants. Mr. Morris says that Thanksgiving trade was better than last year on account of the more favorable weather which preceded the holiday. Another decoration by Mr. Morris which has attracted a great deal of attention was that at the cathedral of Immaculate Conception when Rev. John Grimes was made a Monsignor of the Roman Catholic church. This decoration was entirely of box and bay trees, no palms being used. As near to purple chrysanthemums as it was possible to get were used.

At the store of P. R. Quinlan & Company trade was reported to be exceptionally good. Lorraine begonias, poinsettias, cyclamens and the Chinese primrose will be ready for Christmas in large numbers. The range at Onondaga Valley will be at its best Christmas for roses and carnations. One of the most beautiful carnations produced there is the Enchantress, of which the blooms at the store are from three and one-half to four inches in diameter. Chateaux roses are becoming popular and are being grown successfully at the valley range. The rose is a beautiful pink and is handsome both in the bud and in the flower. From the West Genesee street range are coming in the fragrant Gardenia Florida, which sells for 50 cents a bloom.

Wheadon & Hencle shared in the good Thanksgiving business. Mr. Wheadon said that for several days previous to Thanksgiving they were as busy as they could possibly be. They had several weddings, funerals and coming out party decorations. One of the most beautiful pieces ever seen in this city was the piece which the Masons sent to the funeral of Levi Dodge. It consisted of a wreath of bronze galax on an easel, completely covered by American Beauty roses, which clustered over it beginning at the bottom and climbing over the top and down the back.

The Syracuse and Auburn Railway Company will lay out a pleasure park near Howlett hill which they will call Edgecliff park. A considerable amount of landscape gardening will be done in the spring.

Wheadon & Hencle start their new delivery wagon as soon as it is out of the paint shop. It is a beauty and will be drawn by a splendid bay horse.

Bard & Davis are doing a nice business growing roses and carnations. They find a ready market for all they can produce. A. J. B.

Worcester, Mass.

Thanksgiving trade was very satisfactory and slightly ahead of last year. The demand was mostly for chrysanthemums, roses, carnations and violets, and with the exception of violets there was plenty of good stock to care for in good shape. Blooming plants, such as primroses, Lorraine begonias, cyclamens, chrysanthemums, palms and ferns, sold well at good prices. Trade so far this season has been very good, with prices, as a rule, equal to last year's. Several teas and weddings have kept the decorators busy, and we all look forward to a profitable season.

There was no increase in the bulb trade over last year, although we had an exceptionally long fall to get them planted.

It looks now as if the winter season was here for keeps, and outdoor planting of bulbs, etc., is at an end. A. H. L.

—EARLY NEW—

ROSE CUTTINGS.

Of very best wood, following varieties: La Detroit, Gen. MacArthur, Pres. Carnot, Belle Siebrecht, Perle, La France, Bride, Bridesmaid and Wooton. Write

GEO. A. KUHLE, Pekin, Ill.

Please mention the American Florist when writing.

Adiantum Cuneatum

From 2-inch pots, fine healthy plants, ready to shift, \$3.00 per 100; \$25.00 per 1000.

Just ready to plant out for cutting this winter.

THE GEO. WITBOLD CO.,

1657-1659 Buckingham Place,
CHICAGO, ILL.

Please mention the American Florist when writing.

A FEW GOOD THINGS YOU WANT.

KENTIA PALMS, a fine lot of single and made-up plants as was ever grown, 4, 5, 6, 7, 8-inch pots, at 20c, 35c, 75c, \$1.50 to \$3.00 each.

BOSTON FERNS, 5-inch, \$30 per 100.

DRACAENA INDIVISA, 2, 3, 4, 5-inch, \$2, \$5, \$10 and \$25 per 100.

ASPARAGUS PLUMOSUS, 2 and 3-in., \$4 and \$8 per 100.

ASPARAGUS SPRENGERI, 2 and 3-in., \$3 and \$5 per 100.

GERANIUMS, rooted cuttings, Mrs. E. G. Hill, Riccard, John Doyle, Perkins, \$1.25 per 100. Single and double Grant, La Favorite, \$1.00 per 100. Poitevine, S. A. Nutt, 2-in. pots, \$3.00 per 100.

VINCA VARIEGATA, 2-inch, \$2.00 per 100.

Unrooted cuttings of **CARNATIONS**. The best and cheapest way to buy them: Portia, Crocker, Goodenough, Mermald, Roosevelt, 50c per 100. Lawson, Boston Market, Fair Maid, Harry Penn, \$1.00 per 100.

CHINESE PRIMROSE 3-in., \$4.00 per 100.

CINERARIAS, 2-inch, \$2.00 per 100; 3-inch, \$4.00 per 100.

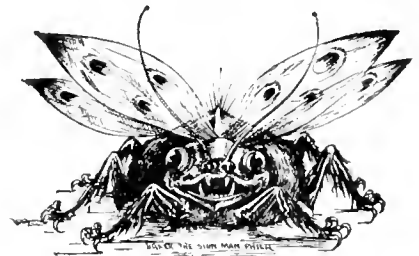
PRIMULA OBCONICA, 2-inch, \$2.00 per 100.

CASH OR C. O. D.

GEO. M. EMMANS, NEWTON, N. J.

Please mention the American Florist when writing.

A Prosperous Florist



Is Like the Bee, Never Idle.

Holiday Plants NOW READY.

Importer and Headquarters for

Araucaria Excelsa

Cheaper and Better than anywhere in the United States. Carry a large stock. No Seedlings but raised from top cuttings in Belgium.

5 1/4-inch pots, bushy plants, 12 to 15-inches high, 3 to 4 tiers, 60c.

5 1/4 to 6-inch pots, bushy, 4 to 5 tiers, 15 to 20 inches high, 75c.

6-inch pots, 20 to 25 inches high, 5 tiers, \$1.00.

6-inch pots, specimen plants, \$1.25 to \$1.50 each.

AZALEA INDICA for Xmas blooming now ready for shipment; showing color and flower, only selected plants, strong and healthy, full of buds. Are used for Xmas potted. Deutsche Perle, pure double white; Simon Mardoor, double pink; Vervaneana, large double pink; rosa. Price, 75c, \$1.00, \$1.25 to \$1.50 each; all unusually nice this year; rooted off before shipment.

KENTIA FORSTERIANA, 4-inch pots made-up with 3 plants, about 20 inches high, 20c. Made-up plants with 3 plants, 6-inch pots, about 35 inches high or more \$1.25 each. 6-inch pots, Forsteriana and Belmoreana, 30 to 35 inches high, \$1.00 each. 7-inch pots Belmoreana and Forsteriana, made-up, one large one in center and 3 smaller around, \$1.50 each.

ARECA LUTESCENS, made-up plants, 3 in a pot, 6-inch, 30 to 35 inches high, 75c; 5 1/4-inch pot, 3c inches high, 3 in a pot, 50c; 5-inch, 25 to 30 inches high, 3 in a pot, 30c.

LATANIA BORBONICA, 6-inch pots, 50c.

PHENIX CANARIENSIS, 4 feet high, 4 feet wide, 15 per ct leaves, perfect specimens, \$2.00 each; worth \$5.00; good for decoration.

FICUS ELASTICA, (Rubber Plants,) Home-grown and Imported; can meet all wants; not a bad one in the lot, nicely staked up with pointed stakes, 5 1/4 to 6-inch pots, 20 to 30 inches high, having from 16 to 20, 25 and more perfect leaves to the plant, \$4.00, \$5.00 and \$6.00 per dozen. Extra specimens, 6 to 7-inch pots, 30 to 35 inches high, 75c to \$1.00 each.

PIERSONI FERNS, 5-inch pots, 25c.

BOSTON FERNS, 5 to 5 1/4-inch pots, 25c, 30c and 40c; 6-inch pots, 18 to 20 fronds, 50c. Specimen 7-inch, very large, 75c to \$1.00 each. 8 to 9-inch pots, as large as a hushel basket or washtub \$1.25 to \$1.50 each; worth \$3.00.

HOLLY FERNS and others for Fern Dishes, large 3-inch at 7c, 2 1/4-inch mixed at \$5.00 per 100. Co os Weddelliana, 3-inch, strong, 15c.

PRIMULA CHINENSIS or **CHINESE PRIMROSES**, are never so nice as this year 5 1/4 inch pots, John Rupp strain now in bud and bloom, \$2.00 per dozen; \$15.00 per 100.

SOLANUM, Jerusalem Cherries, unusually fine this year; just laden with berries, 6-inch pots from \$2.50 to \$3.00 per dozen.

DRACAENA BRUANTI, 25 inches high, 6-inch pots, full of leaves from top to bottom, 50c.

ASPARAGUS PLUMOSUS NANUS, 3-in. pots, \$6.00 per 100; 4-inch, \$10.00 per 100, or by doz., 10c each 6-inch, 3 in a pot, \$3.00 per dozen.

Cash with order please. All goods travel at purchasers' risk.

Godfrey Aschmann,

Wholesale Grower and Importer of Pot Plants.

Bell Phone Tlaga 3869 A.

1012 Ontario St., Philadelphia, Pa.

ANY BUGGY OLD THING—'TIS GOOD.

Pittsfield, Mass.
Send at once 100 lbs. Fumigating Kind Tobacco Powder; it is the best thing I ever had for fumigating; in fact, I use for everything that bugs infest.

F. S. FOLLWELL.

See page 799.

Gold Medal Winner at St. Louis!

DID YOU SEE EXHIBITED AT ST. LOUIS
THE NEW CRIMSON RED CANNA

Mrs. Wm. F. Kasting ?

Height, 3½ feet. Most brilliant in color, most prolific of all Red Cannas. Blooms all the time, and is exceptionally fine for conservatory decorations. You will need it in your business. Awarded on its merits, a Gold Medal at the World's Fair, 1904.

PRICES for bulbs, to be delivered after December 1, 1904.
\$1.00 each. \$9.00 per dozen.
\$50.00 per hundred. Stock limited.

Wm. F. KASTING, 383-387 Ellicott Street,
BUFFALO, N. Y.

Special Clearing Sale.

ASPARAGUS PLUMOSUS NANUS.

Strong plants from 3-inch pots, \$3.00 per 100.
BOSTON FERNS. Fine plants from 6-in. pots, full of young fronds, clean and healthy, \$3.00 per dozen; \$20.00 per 100.

CASH WITH ORDER.

Send for our new list of Specialties.

The W. T. BUCKLEY CO.,
SPRINGFIELD, ILL.

HINODE FLORIST CO.

...JAPANESE NOVELTIES...

TINY PLANTS, in 2 and 3-in. decorated Japanese pots, \$15.00, \$20.00 and \$25.00 per 100.
RHAPS, 5 to 15 shoots, 50 cents each.

CASH WITH ORDER.

LARGEST GROWERS OF EASTER LILIES.
WOODSIDE, N. Y. and WHITESTONE, L. I., N. Y.

Poinsettias for Christmas.

| | Per doz. | 100 |
|-------------|----------|---------|
| 3-inch..... | \$1.00 | \$ 8.00 |
| 4-inch..... | 2 50 | 20.00 |
| 5-inch..... | 3 50 | 30.00 |
| 6-inch..... | 5 00 | 40.00 |

Foliage on plants is perfect. Cash with order.

The BAUR FLORAL CO., Erie, Pa.

Peacock's ...Dahlias

For plants or bulbs address

L. K. PEACOCK,
Dahlia Specialist, ATCO, N. J.

JOHN BURTON, Assignee for
ROBERT CRAIG & SON,
Roses, Palms,
and Novelties in Decorative Plants.
Market and 49th Sts., Philadelphia, Pa.

BAYS.

JULIUS ROEHRS,
RUTHERFORD, N. J.

A Great Help.

AMERICAN FLORIST CO.—I do not know how I could get along without your paper. It has been a great help.

Mrs. R. A. McANULTY.

Asparagus Plumosus Nanus

| | Per 1000 |
|--------------|----------|
| 2¼-inch..... | \$15.00 |
| 2½-inch..... | 18.00 |
| 3-inch..... | 22.00 |

Cash. Express prepaid. 250 at 1000 rates.

CALIFORNIA CARNATION CO.,
LOOMIS, CALIFORNIA.

ASPARAGUS

Plumosus Nanus, 2¼-inch pots, per 1000, \$15.00; per 100, \$2.00.

Pansy Plants.

Large flowering, per 1000, \$2.50; per 100, 60c. Cash.

JOS. H. CUNNINGHAM, Delaware, O.
Please mention the American Florist when writing.

GIANT PANSIES.

\$2.00 per 1000. Colors the best. Sure Sellers.

Daisies, Snowball, Longfellow, \$2.00 per 1000, small plants.
Allysaum, Giant Double, strong, 2 inch 2c.
Heliotrope, blue, 2-inch, 1½c; R. C., ¾c. Alternanthera, best red and yellow R. C., ¾c. Asparagus Sprengeri, 2-in., 2c. Plumosus Nanus, 1½-in., 2c; 3-in., 5c. Rooted cuttings, prepaid.

—CASH—

BYER FLORAL COMPANY, Shippensburg, Pa.
Please mention the American Florist when writing.

PANSY PLANTS THE JENNINGS STRAIN

Fine plants, fancy colors, large flowering. Large plants in bud and bloom, \$1.00 per 100. Medium size for cold frames, \$3.50 per 1000; 500 for \$2.00. By mail, 75c per 100. Seed, \$1.00 per pkt.; \$5.00 per oz. Cash with order.

E. B. JENNINGS, Lock Box 254,
SOUTHPORT, CONN.
GROWER OF THE FINEST PANSIES.

SPECIALTIES

ROSES, from 3-inch pots,
CARNATIONS, for all delivery,
CHRYSANTHEMUMS,
SMILAX, VIOLETS.

In Best

Varieties

Prices Low. Seed for List.

WOOD BROTHERS, Fishkill, N. Y.

Don't Wait

until you need cuttings. Order now; then you will have them when you want them.

GERANIUMS, IVY GERANIUMS, FUCHSIAS, DOUBLE PETUNIAS, HELIOTROPE and Bedding Plants in general, \$6.00 per 1000.

Express prepaid on all orders received on or before December 15, 1904. Thirty varieties of Carnation cuttings. Prices on application. Also Dahlias, Cannas and Calla Bulbs.

CALIFORNIA PRODUCT COMPANY,
55 Ellis Street, SAN FRANCISCO, CAL.
Please mention the American Florist when writing.

PANSIES.

200,000 Extra Strong Stocky Plants.

Giant of best sorts, equal to any, \$2.50 per 1000; \$4.50 per 2000.

BABY PRIMROSE, in bloom, 2-inch, 1½c.
DAISIES, Snowball, Longfellow, Giant Red, \$2.50 per 1000; 2000 for \$4.50

VINCA VAR., R. C., prepaid, 90 cts per 100.

ASP. PLUMOSUS NANUS, 2-in., 2½c. 3-in., 5c.

ASP. SPRENGERI, 2-inch, 2c.

RUBBERS, 4-inch, fine, 20c.

ABUTILONS, 4 varieties, 2½-inch, 3c.

Rooted Cuttings, prepaid: Heliotrope, 75c per 100.

Ageratum, Gurney, Pauline 60c per 100. Salvia,

Spheerides, Bonfire, 90c per 100. Fuchsia, 6 best

varieties, \$1.25 per 100. Hardy Pinke, 7 varieties,

some everblooming, 75c per 100; \$7.00 per 1000

dbl. Petunias, 10 finest, \$1.00 per 100.

—CASH—

BYER BROS., Chambersburg, Pa.

RUDBECKIA.

Per 100

Extra choice, large clumps.....\$5.00

Asp. Sprengeri, extra quality, 2½-in. pots... 2.00

Asp. Plumosus, extra quality, 2½-in. pots... 2.50

Asp. Plumosus, extra quality, 3-in. pots.... 4.00

JOHN BROD, Niles Center, Ill.

Newport, R. I.

Since my last notes we have had some very cold days, the mercury going as low as 14° above zero, and this 18° of frost has put an end to what little outdoor stock there was, even the last cosmos having disappeared. There has been quite an unusual number of funerals, and some of them, conducted by the local societies, have kept our florists busy with the many floral orders they received. Chrysanthemums are about gone, and those few that still remain will be needed for the holidays. With chrysanthemums out of the way carnations will have a chance, and it is hoped the price will improve, as it seems too bad to keep on retailing such good stock as is now coming in at 40 to 50 cents a dozen. Roses, violets and what other flowers there are sell at both wholesale and to customers the same as for two weeks past. Thanksgiving improved the demand somewhat, but not the prices to any extent. The freezing weather has hurried up the belated bulb buyers, and the seedsmen have cleaned up their stocks very well indeed. In all lines trade is very good, and all the craft look forward to a busy holiday season.

Wednesday evening November 23, the meeting of the Newport Horticultural Society was held in Mercury hall, with President James Sullivan in the chair and Secretary David McIntosh present. The committees in charge of the annual hall reported all going well, tickets selling, badges ordered, etc. Alexander McWilliams, head gardener to T. M. Davis, was elected an active member of the society, and Harry Hogan, gardener to Miss Grosvenor, was proposed for membership. The society accepted Miss Alice Ketelta's offer of a \$50 silver cup to be awarded at the next June show for the best planting of a gateway. The committee on resolutions reported that it had followed out the wishes of the society by sending letters of sympathy to the members of families where deaths had occurred. The president spoke of the very enjoyable trip the twenty or more members had at the Boston show, and Vice-President McLellan described some of the special exhibits at the Chrysanthemum Society of America's exhibition. Other members described these shows and the kind manner in which all were entertained by the Boston members. The next meeting of the society will be the annual election of officers, and there is always a very large attendance.

There has been a great deal of interest and enthusiasm over the chrysanthemum here this season. The splendid shows all over the country have had much to do with this, and it would not be surprising if many places where chrysanthemums have not been seen for many years grew them quite largely another year. Among the private places here Mrs. William R. Hunter, Harry Butler, gardener, has produced some of the best blooms seen this season.

Oscar Schultz has had especially good success with his chrysanthemums this season. He had over 1,000 plants in all the best commercial varieties. He began cutting Glory of the Pacific October 5, for which he received \$3 a dozen, and his last flowers brought \$2 a dozen a few days ago. He sold none for less than \$2, the average price obtained for the whole crop being \$2.50. All these flowers were detailed on the avenue for \$5 to \$6 a dozen.

Last year the Rhode Island Experiment Station undertook to ascertain whether shading would be beneficial in the grow-

ing of certain vegetables which are more or less difficult to raise during the hot summer months. In addition to the better growth looked for it was hoped that plant diseases and injurious insects might be more easily kept in check. A full account of these experiments will be found in the current annual report.

We have lately heard very pleasing accounts of the new dwarf Crimson Rambler, Mme. Norbert Levassieur, put out by Vaughan's Seed Store. This rose is certainly an everblooming one, as up to ten days ago some plants in the open ground were a mass of bloom. It will make a fine bedding plant, and without doubt will be very largely used.

As usual, at this season of the year large quantities of evergreen branches taken from the trees in the vicinity of Tiverton, R. I., and other points on the main land, have been brought here for covering beds and protecting shrubbery along the ocean front on the lawns of the summer places.

Hitchings & Company, of New York, are building a greenhouse for George S. Scott's Bellevue avenue estate. W. F. Smith, head gardener to Mr. Scott, is sergeant-at-arms of the Newport Horticultural Society.

Miss Isabella Mary Speers, daughter of Samuel Speers, gardener to Mrs. W. B. Green and an active member of the Newport Horticultural Society, was married November 17 to Colonel John Cozzens Seabury.

Andrew S. Meikle, gardener to Mrs. W. S. Wells, has with his wife been enjoying a few days' vacation in New York, where they attended the exhibition of the American Institute.

Columbus, O.

Thanksgiving trade in this city was away ahead of all previous seasons, with stock in good supply and of good quality. There was an unusual demand for chrysanthemums and there seemed to be enough to go around. Prices averaged about as follows: Chrysanthemums, from 75 cents to \$3.50 per dozen; carnations, 60 cents to \$1 per dozen; roses, \$1.50 to \$2 per dozen; American Beauty, \$3 to \$7 per dozen, and violets, 20 to 30 cents per 100.

The weather was warm, making all deliveries easy. If Christmas trade will be in proportion to that of Thanksgiving we will be well pleased with the wind-up of 1904.

CARL.

Nephrolepis Scottii.

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston Fern in a given time. Prices, 6-inch pot-grown, ready for 8-inch, \$15.00 per doz.; 7-inch, pot-grown, \$24.00 per doz.; 8-inch, pot-grown, \$36.00 per doz.

John Scott, Keap St. Greenhouses, BROOKLYN, N. Y.

Palms and Asparagus Cheap.

| | Per 100 |
|---------------------------------------------|---------|
| Lalania Bor., 2-in. pot, seed leaves.. | 3.00 |
| " " 3-in. pot, 16-18 in., 2-3 chr. lvs. | 12.00 |
| " " 5-in. pot, 18-20 in., 3-4 chr. lvs. | 15.00 |
| " " 5-in. pot, 20-24 in., 4 chr. lvs. | 20.00 |
| Kenia Bel., 2½-in. pot, 8-8 in., 2 leaves.. | 10.00 |
| " " 3-in. pot, 8-10 in., 3-4 leaves.. | 12.50 |
| " " 4-in. pot, 12-16 in., 4-5 leaves.. | 16.00 |
| Asparagus Sprengeri, 2-inch..... | \$2.00 |
| Asparagus Plumosus Nanus, 2-inch..... | 2.50 |
| " " 3-inch..... | 5.00 |

SHERMAN NURSERY CO.,
CHARLES CITY, IA.

Boston Ferns

Nice, clean stock, from 2½-inch pots, \$5.00 per 100; 3-inch pots, \$8.00 per 100. Cut from the bench, suitable for 4-inch, 5-inch, 6-inch pots, at \$15.00, \$20.00 and \$25.00 per 100.

ARAUCARIA EXCELSA, 5-inch pots, 3 to 4 tiers, 50c each, or \$5.00 per doz.

Ocean Park Floral Co.,

E. J. VAWTER, Pres. OCEAN PARK, CAL.
Please mention the American Florist when writing.

Boston Ferns.

Strong bushy plants, from bench, ready for 5-inch pots, 20c each.

ASPARAGUS SPRENGERI.

2½-inch, very strong, ready for immediate shift, \$2.50 per 100; \$20.00 per 1000. Cash.

H. N. EATON, So. Sudbury, Mass.

FERNS for FERNERIES

All the popular sorts. Fine bushy plants, 3-inch pots, \$6.00 per 100.

Chas. A. Knapp,
CHESTNUT HILL, PA.

Boston Ferns.

From bench, \$1.50 to \$10.00 per 100.

ASPARAGUS SPRENGERI, own stock, in fine shape, 2-inch, 2c; 2½-inch, 3c.

CANNAS, in twenty best varieties, \$2.00 per 100.

W. W. COLES, Kokomo, Ind.

JOSEPH HEACOCK,

WYNCOTE, PA.

—GROWER OF—

Kentia Belmoreana
and **Kentia Forsteriana**

FERNS.

We are headquarters in the West for these as well as **PLUMOSUS** and **SPRENGERI**. All sizes. Write

GEO. A. KUHL, Pekin, Ill.

BOSTON FERNS.

4-inch, \$15.00; 5-inch, \$25.00; 6-in., \$40.00; 7-inch, \$60.00; 8-inch, \$75.00 per 100. Any number at these prices. All short bushy pot-grown plants that are sure to please.

DAVIS BROS., MORRISON, ILL., and CENEVA, ILL.

BOSTON FERNS.

Extra fine stock, cut from bench now ready for 5, 6, 7 and 8-inch pots, at \$25.00, \$50.00, \$75.00 and \$100.00 per 100. **KENTIAS, RUBBERS, ASPARAGUS PLUMOSUS NANUS**. Cash or reference please.

L. H. FOSTER, 45 King St., DORCHESTER, MASS.

PALMS, FERNS

AND

Decorative Plants.

R. DREYER, Woodside, L. I., N. Y.

EVERY FLORIST

ARTIST AS WELL AS GROWER

WILL BE INTERESTED IN THE

"Holiday Suggestions"

IN OUR

CHRISTMAS NUMBER

TO BE ISSUED

December 10

Worth Thinking About.

AM. FLORIST COMPANY:—Practically all the replies I get from western trade advertising refer to the AMERICAN FLORIST.

JOHN B. DEAMUD.

AM. FLORIST COMPANY:—The best customers I have obtained through trade paper advertising have come to me through the columns of the AMERICAN FLORIST.

ALBERT M. HERR.

**NUMEROUS AND SEASONABLE
ILLUSTRATIONS**

HOLIDAY SPECIALTIES

Properly Advertised in this Issue

WILL SELL

NO BOGUS INQUIRIES

Advertisements in regular pages will be taken at our ordinary rates, namely, \$1.00 per inch, \$30.00 per page of thirty inches, with the usual discounts on time contracts. Advertisements on second, third and fourth SPECIAL COVER PAGES (printed on heavy toned paper) \$35.00 per page, net.

PLEASE MAIL YOUR ADVERTISEMENT NOW.

"A Florists' Paper

From Cover to Cover."

AMERICAN FLORIST COMPANY,

324 Dearborn St., CHICAGO.

The Allied Trades

Descriptive particulars—with drawings or photographs, if possible—of any new apparatus or device which may prove helpful to the trade are solicited for this department.

THE Bobbink & Atkins plant tubs, from their artistic lines and substantial build, are now in increasing demand.

The Glass Situation.

The window glass market is reported steady. Practically all the manufacturing plants are in operation and ample quantities of glass are offered on the market, says the American Lumberman. Demand is fairly active and there is not sufficient surplus stock available to produce any heavy downward tendency in prices. The shortage of many sizes of window glass at the opening of the manufacturing season was larger than usual at that time of the year and there has been sufficient legitimate buying to easily sustain the market.

At the same time prices are regarded as unusually low and are likely to continue so because of the disorganized condition of the manufacturers. An organization has been formed, however, which includes about one-third of the producing capacity, and this may in time become effective in the maintenance of values when production becomes excessive, as it usually does during the dull consuming period after the first of the year.

Greenhouse Heating.

ED. AM. FLORIST:—I have a hot water heating apparatus in my greenhouses, but it appears to be too slow to heat the place sufficiently. Would it be improved by putting in a pump near the boiler that would hasten the circulation? A. B. E.

The circulation could, of course, be improved by means of a pump, but whether this will be necessary can only be told after inspecting the plant. If proper attention has been given to the size of the pipes and they are well above the boiler there should be no trouble.

L. R. T.

DENVER, COL.—Thanksgiving trade here was very good, especially in cut flowers. The plant trade, however, was not up to the standard. Business generally appears to have been ahead of last year. Out of town business has been very quiet. Daniels & Fisher are showing a nice line of poinsettias in pots and pans.

CHRISTMAS HOLIDAY EXCURSION RATES

via the Nickel Plate Road, December 24, 25, 26 and 31, 1904, and January 1 and 2, 1905, good returning January 4, 1905, at a fare and a third for the round trip between Chicago and Buffalo. Three through express trains daily to Fort Wayne, Findlay, Cleveland, Erie, Buffalo, New York, Boston and all eastern points. Through Pullman Sleepers and excellent dining-car service. Individual Club Meals, ranging in price from 30c to \$1, being served in Nickel Plate dining-cars; also service a la carte. No excess fare charged on any train. Chicago depot, Van Buren and La Salle Sts. City ticket offices, 111 Adams St. and Auditorium Annex. All information given upon application to John Y. Calahan, General Agent, 111 Adams St., Room 298.

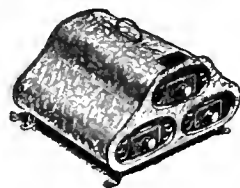
34

PROTECTION!!

Of your plants from freezing. This can be done only by using a celebrated

LEHMAN WAGON HEATER

250,000 are in use by Florists, horsemen, doctors and farmers. They burn Lehman Coal from which there is no smoke, no danger, at a cost of less than ¼ cent per hour. Don't fail to write for circular telling more about them.



LEHMAN BROS.,

MANUFACTURERS,

10 Bond St., NEW YORK.

BEWARE
OF
IMITATIONS.

J. W. ERRINGER,

General Western Sales Agent,

45 E. Congress St., CHICAGO.

L. BAUMANN & CO.,

Importers and Manufacturers of
Florist Supplies

76-78 Wabash Ave., CHICAGO.

Write for our New Catalogue F. Our prices may interest you.

A. HERMANN,

✦ Cape Flowers, all colors,
✦ Cycas Leaves, Metal Designs,
✦ and All Florists' Supplies.

SEND FOR PRICES.

404-412 East 34th Street, NEW YORK.

Wired Toothpicks

10,000, \$1.50; 50,000, \$6.25. Manufactured by
W. J. COWEE, BERLIN, N. Y.
Sample Free. For sale by dealers.

KORAL LETTERS

For Sale by all Wholesale Houses.

Koral Mfg. Co.,
12 Hawley Place, Boston, Mass.

ALL Nurserymen, Seedsmen and Florists wishing to do business with Europe should send for the

"Horticultural Advertiser"

This is the British Trade Paper, being read weekly by all the Horticultural traders; it is also taken by over 1000 of the best continental houses. Annual subscription to cover cost of postage 75c. Money orders payable at Lowdham, Notts.

Address EDITORS OF THE "H. A."
Chilwell Nurseries, LOWDHAM, Notts, England.

THE Regan Printing House

—Large runs of—

CATALOGUES

Our Specialty. Write for Figures.

83-91 Plymouth Place, CHICAGO.

H. Bayersdorfer & Co.

50 to 56 North Fourth St.,

PHILADELPHIA.

Long Distance THERMOMETERS

REGISTER CAN BE READ 20c
TEN FEET AWAY.

WM. ELLIOTT & SONS, New York.



PREPARED PALMS

Moss Fibre, Birch Bark,
Cork Bark.

Artificial Flowers and Leaves.

Get Catalog from Headquarters

Clare & Scharrath, Mfns.

170 E. Madison St., Chicago.

"NICOTICIDE"

KILLS BUGS

TOBACCO WAREHOUSING & TRADING CO.
LOUISVILLE, KENTUCKY.

W. Z. PURNELL, SNOW HILL, MD.

Green Sheet Moss, large thin pieces, fancy, per bbl., \$1.25. Green Sphagnum Moss, per bbl., \$1.25. Laurel Branches, selected, 2x2x4 ft. case, per case, \$2.00. Cedar Branches, with berries, 2x2x4 ft. case, per case, \$2.50. Mistletoe, on branches, per bunch, 50c, 75c and \$1.00.

Place Your Order Before the Rush.

FIVE LBS. IN 300 FEET.

Worcester, Mass.

Send us quick 10-100 lb. bags of Fumigating Kind Tobacco Powder. We tried the 5 lb. trial package in a 300-foot house and with good results.

L. C. MIDGLEY, Sec'y, Worcester Cons.

See page 799.

BEST ENGRAVINGS and ILLUSTRATIONS

—Of Every Description—

FOR CATALOGUES.

SEE OUR WORK IN THIS PAPER.

SEND FOR ESTIMATES.

GLOBE ENGRAVING and ELECTROTYPE CO.

407-427 Dearborn St., CHICAGO.

Are all flower growers liars?

Surely this cannot be true. Well, we have over 100 growers who have written us, a large majority without request, their opinions; we publish a few of these letters in the columns of this paper, see on pages 790, 794, 798, 802, what they say about the **FUMIGATING KIND TOBACCO POWDER**. All began with a five pound trial bag at our expense, which gave them an opportunity, without cost, to prove its **GOODNESS** and our assertion that it was the most effective, cleanest and quickest, as well as the cheapest (10 cents per 100 foot house) article to fumigate with, and that all kinds of aphids can be killed in one night. Let us send you a five pound trial bag by express, it will cost you nothing but the express charges on it, and be convinced that what your brother growers say of it is true. Our booklet tells of it; we mail it on request.

The H. A. STOOHOFF COMPANY, Tobacco Powder Hobbyists,
116, 117, 118 West Street, NEW YORK.



"THE DAY AFTER THANKSGIVING."

Flushing, L. I., N. Y., Nov. 25, 1904.

Mr. Benjamin Hamnford, Fishkill-on-Hudson, N. Y.,

Dear Sir:—I have used your "Grape Dust" for the last six years in all my Rose Houses and find it is the very best preservative against Mildew, and it also checks Green-fly and other vermin.

Very truly yours,

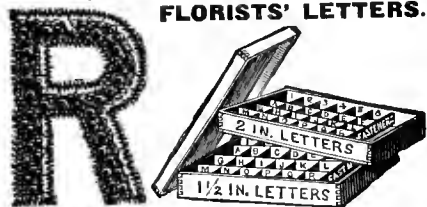
A. L. THORNE.

HAMMOND'S GRAPE DUST IS SOLD BY SEEDSMEN.

"SOLUTION OF COPPER," "BORDEAUX MIXTURE, GENUINE,"
SLUG SHOT, FOR SOW BUGS, ETC. * * * * *

Boston Florist Letter Co.

MANUFACTURERS OF
FLORISTS' LETTERS.



This wooden box nicely stained and varnished, 18x30x12 made in two sections, one for each size letter, given away with first order of 500 letters.

Block Letters, 1½ or 2-inch size, per 100, \$2.00.
Script Letters, \$4. Fastener with each letter or word.

Used by leading florists everywhere and for sale by all wholesale florists and supply dealers.

N. F. McCARTHY, Treas. and Manager,
84 Hawley St., BOSTON, MASS.

CUT FLOWER BOXES

WATERPROOF
Corner Lock
Style.

The best, strongest and neatest folding cut flower box ever made. Cheap, durable. To try them once is to use them always. Per 100 Per 1000

| Size No. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. |
|----------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | 3x 4x20..... | 3x 4½x16..... | 3x 6x18..... | 4x 8x18..... | 3x 5x24..... | 4x 8x22..... | 4x 8x28..... | 6x16x20..... | 3x 7x21..... | 5x10x35..... | 7x20x20..... | 3½x5x30..... |
| | \$2.00 | 1.90 | 2.00 | 2.50 | 2.75 | 3.00 | 3.75 | 5.50 | 3.00 | 6.50 | 9.50 | 3.00 |
| | \$19.00 | 17.50 | 19.00 | 23.00 | 26.00 | 28.50 | 36.00 | 54.00 | 28.50 | 62.00 | 67.50 | 28.50 |

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

THE LIVINGSTON SEED COMPANY,
BOX 104. COLUMBUS, OHIO.

SIGMUND GELLER,
FLORISTS' SUPPLIES and RIBBONS.

108 West 28th Street, New York.
NOVELTIES always on hand.

Tobacco Dust

FOR FUMIGATING.

It would pay large users of dust to communicate with us and get samples and prices.

Edwin L. Koppelman & Co., 81 PINE STREET, NEW YORK.

ROSSIG BROTHERS,

—MANUFACTURERS OF—

Artificial Leaves.

ALL STYLES IN HUNDREDS OF DIFFERENT DESIGNS. PAPER AND MUSLIN. SMILAX, YARDS and PIQUETS. Samples Furnished to the Jobbing Trade Only.

497 West Broadway, NEW YORK.

M. RICE & CO.,

Importers and Manufacturers,

Leading Florists'
Supply House and
Ribbon Specialists.

918 Filbert Street,
Philadelphia, Pa.

FLORIST Plain, Violet, Rose

MADE BY

The John J. Crooke Co.

155 Ave. D, NEW YORK. 149 Fullon St., CHICAGO.

Established 1881.

C. S. FORD,

1417 Columbia Ave., PHILADELPHIA, PA.

LETTERING and NOVELTIES IN

IMMORTELS, Etc. See Price list November 19.

Representing A. Herrmann, L. H. Foster, D. B. Long, Etc. CORRESPONDENCE SOLICITED.

"NICOTICIDE"

THE BUG KILLER

TOBACCO WAREHOUSING & TRADING CO.
LOUISVILLE, KENTUCKY.

Louisville.

The week has been well up to the average, with a heavy Thanksgiving business. Decorations were not as numerous as desired, but the demand for loose flowers was unusually good. We have having very changeable weather, but still no rain. The lowest recorded on the thermometer so far was 24°. Chrysanthemums are nearing their end, although some very good ones are yet to be seen. The quantity naturally is a little short, but the quality is very good. The demand is not heavy. Roses are holding their high quality well, but are a little short in quantity. The demand has been unusually good. Carnations are of good quality but short in quantity. The demand is exceptionally good. Violets are exceptional in quality, but the quantity is short. The demand has been all that could be expected. Green goods can be had in satisfactory quantities, although asparagus sprays are a little short.

The regular monthly meeting of the Kentucky Society of Florists will be held Tuesday night, December 6, at F. Walker & Company's store. The annual election of officers will be in order, and every member that can is requested to be present. The preliminary premium list committee's report will also be in order, therefore it will be a very important meeting.

C. H. Kunzman met with an unusual experience. A cow got into his carnation house and had a very hearty meal. Some of the plants, roots and all, were taken, while some of the others were only nicely topped.

Miss Elsie Walker, daughter of William Walker, has accepted a position with Mrs. C. B. Thompson.

Charles W. Reimers has gone to Chicago to make arrangements for the sale of his fine poinsettias.

Visitors: Mr. Rose, of the J. W. Sefton Manufacturing Company, Chicago, and S. S. Skidelsky, of Philadelphia.

F. L. S.

CHARLESTON, W. VA.—H. F. Winter, recently in the employ of the J. W. Alexander estate, has opened up at 816 Quarrier street as manager of the Charleston Cut Flower and Plant Company, a new firm.

—WRITE—

A. F. Kohr

1521-23 N. Leavitt St., CHICAGO, ILL.,

FOR PRICES OF

Standard Pots which for strength and porosity combined are the best on the market. Please mention the American Florist when writing.

NICKEL PLATE.

The New York, Chicago & St. Louis R.R.

NO
EXCESS
FARE
ON ANY
TRAIN

Three Express Trains East every day in the year. Pullman Drawing Room Sleeping Cars on all Trains. Semi-Continental Tourist Cars leave Chicago Tri-Weekly on Tuesdays and Sundays at 2:30 p. m., on Wednesdays at 10:35 a. m. Chicago to Boston without change. Modern Dining Cars serving meals on individual club plan, ranging in price from 35c to \$1.00; also serves a la Carte. Coffee and Sandwiches, at popular prices, served to passengers in their seats by waiters. Direct line to Fort Wayne, Findlay, Cleveland, Erie, Buffalo, Rochester, Syracuse, Binghamton, Scranton, New York City, Boston and all points East. Rates always the lowest. Colored porters in uniform in attendance on all Coach Passengers. If you contemplate a trip East, call on any convenient Ticket Agent, or address JOHN Y. CALAHAN, Gen'l Agent, 113 Adams St., Chicago, Ill.

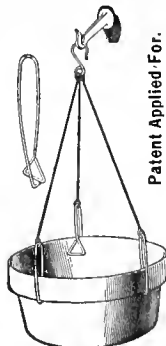
ESTABLISHED
1866**EMIL STEFFENS**SUCC^{TO} N. STEFFENS.
AND STEFFENS BROS.**Standard Flower Pots**

The WHILLDIN POTTERY COMPANY,
PHILADELPHIA PA. JERSEY CITY, N. J. LONG ISLAND CITY, N. Y.
Traveling Representative, U. CUTLER RYERSON, 108 Third Ave., Newark, N. J.

THE KELLER POTTERY COMPANY,**Manufacturers of FLORISTS' RED STANDARD POTS.**

Azalea Pots, Bulb and Fern Pans, Etc.

Write for Price List. 213-15-17-19-21-23 Pearl St., NORRISTOWN, PA.

Kramer's Pot Hanger

Patent Applied For.

The neatest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They fit all standard made pots from 2 to 10 inches in diameter. The illustration shows how they are attached. Just the thing for hanging up ferns, begonias, etc. You can make room and money by their use. Try them.

FOR SALE BY WHOLESALE
SEEDSMEN, FLORISTS AND
SUPPLY DEALERS.

Price with wire chain as
shown in cut, \$1.00 per dozen
by express. Sample dozen
by mail, \$1.25.

I. N. Kramer & Son, Cedar Rapids, Iowa.**STANDARD FLOWER POTS!**

Packed in small crates, easy to handle.

| Price per crate | Price per crate |
|------------------------------|-----------------------------|
| 1500 2-in., in crate, \$4.88 | 120 7-in., in crate, \$4.20 |
| 1500 2½ " " 5.25 | 60 8 " " 3.00 |
| 1500 2¾ " " 6.00 | HAND MADE. |
| 1000 3 " " 5.00 | 48 9-in., in crate, \$3.60 |
| 800 3¼ " " 5.80 | 48 10 " " 4.80 |
| 500 4 " " 4.50 | 24 11 " " 8.60 |
| 320 5 " " 4.51 | 24 12 " " 4.80 |
| 144 6 " " 3.16 | 12 14 " " 4.80 |
| | 6 16 " " 4.50 |

Send pans, same price as pots. Send for price list of Cylinders for Cut Flowers, Hanging Baskets, Lawn Vases, etc. Ten per cent off for cash with order.

HILFINGER BROS. POTTERY, Fort Edward, N. Y.
Or August Kolker & Sons, New York Agents,
31 Barclay Street, New York City.

Please mention the American Florist when writing.

THOSE RED POTS

"STANDARDS"

FULL SIZE AND WIDE BOTTOMS.
BULB PANS AND AZALEA POTS.

DETROIT FLOWER POT M'F'Y.,
HARRY BALSLEY, DETROIT, MICH.,
Rep. 490 Howard St.,

Please mention the American Florist when writing.



GEO. KELLER & SON,
MANUFACTURERS OF
FLOWER POTS.

Before buying write for prices.

351-363 Herndon Street,
near Wrightwood Ave.,
CHICAGO, ILL.



WHY NOT BUY

RED POTS

OF US?

STANDARD SIZE

Quality—No Better.

Florists getting in their winter
supplies will find it to
their advantage to write
us. Catalogue free.

Syracuse Pottery Co.,
Syracuse, N. Y.

BEST POT IN THE
MARKET.

RED POTS

SAMPLE POT AND PRICE LIST
ON APPLICATION.

C. C. POLLWORTH CO., MILWAUKEE, WIS.**Standard POTS**

If your greenhouses are within 500
miles of the Capital, write us, we
can save you money.....

W. H. ERNEST.

28th and M Streets, WASHINGTON, D. C.

PUMPS Rider-Eriksen. Second-hand. From \$45.00 up; all repairs; other makes; new; cheap.

BOILERS Second-hand Greenhouse Boilers guaranteed. Send for prices; state size wanted.

PIPE New 2-in. full lengths, with coupling, 8½¢ a foot. Good serviceable second-hand, 2-in., 6½¢; 1½-in., 5½¢; 1¼-in., 3½¢; 1-in., 3¢; ¾-in., 2½¢. New and old fittings and valves.

GARDEN HOSE New, ¾-in., guaranteed 100-lbs. pressure, 7½¢ per ft.; ¾-in. not guaranteed, 4½¢ per ft.

HOTBED SASH New. Cypress, 3x6-ft., from 70¢ up; glazed, complete, from \$1.60 up.

Get our prices on New Cypress Building Material, Ventilating Apparatus, Oil, White Lead, Putty, Paint, Points, etc.

OLD GREENHOUSES BOUGHT.

SEND FOR PRICES ON STEAM FITTING TOOLS.

References: Bradstreet's, Dunn's or Broadway Bank of Brooklyn.

METROPOLITAN MATERIAL CO.,

1398-1408 Metropolitan Ave., BROOKLYN, N. Y.

The Standard

VENTILATING MACHINERY

The original machine with self-oiling cups. The most powerful, least complicated, very compact with ease of operation.

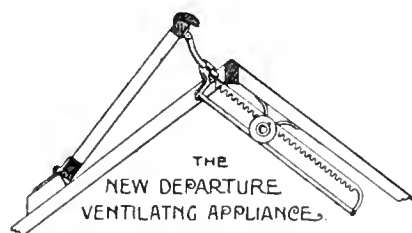
The New Duplex Gutter

Over six miles in use and highly recommended by all. The only Drip Pool gutter on the market.

The Standard Return Steam Trap

It has no equals for simplicity or its working. Catalogue free.

E. HIPPARD, Youngtown, Ohio,



CHEAPEST AND BEST.

If you doubt it try them and be convinced. Send for descriptive price circular.

J. D. Carmody, Evansville, Ind.

ADAM SCHILLO LUMBER CO.

DEALER IN ALL KINDS OF Hemlock and Pine
LUMBER
and "PECKY CYPRESS," our new introduction to the trade.

For Greenhouses.

ALSO CEDAR POSTS OF ALL LENGTHS AND DIMENSIONS.

Having had an extensive experience in the line of Lumber and Posts needed for Greenhouse work, I am prepared to meet all inquiries. Send for prices.

Cor. Weed and Hawthorne Ave.,

CHICAGO, ILL. Tel. North 1626 & 1627
References given from the leading Florists of Cook County.



**EVANS' IMPROVED
CHALLENGE
VENTILATING
APPARATUS**

WRITE FOR ILLUSTRATED CATALOGUE.
QUAKER CITY MACHINE WORKS
RICHMOND, IND.

The James H. Rice Co.

IMPORTERS and JOBBERS

GREENHOUSE GLASS

A SPECIALTY.

Window Glass, Paint, Putty, etc.

80-82 Wabash Avenue and 34 to 40 South Water Street, CHICAGO.



GARLAND'S GUTTERS

WILL KEEP SNOW AND ICE OFF
YOUR GLASS.

DES PLAINES, ILL.

SEND FOR CATALOGUE.

A sample of our Gutter is on Exhibition at the Chicago Flower Growers' Market.

GREENHOUSES.
MATERIAL FURNISHED
AND
MEN TO SUPERINTEND
ERECTION IF DESIRED.
CYPRESS SASH BARS
ANY LENGTH UP TO 32 FEET OR LONGER.
THE A. T. Stearns Lumber Co.,
NERONSET, BOSTON, MASS.

Established 1899. Tel. 174 Bergen.

Phillips Manufacturing Co.

222-226 Kearney Ave., Jersey City, N. J.

Horticultural Architects, Builders
and Heating Engineers.

Designers and Manufacturers of
every description of Glass Houses
for private or commercial uses. Most
modern and up-to-date.

If you write or telephone us, we do
the rest.

—RUSTIC WORK A SPECIALTY.—

STENZEL GLASS CO., GREENHOUSE GLASS.

French and American "WHITE ROSE"
Brand.

2 Hudson St.,
NEW YORK.

101 Portland St.,
BOSTON.

H. M. HOOKER CO.

Window Glass, Paints and Putty.

Greenhouse Glass a Specialty.

59 W. Randolph St., CHICAGO.

**Holds Glass
Firmly**
See the Point
PEERLESS
Glazing Points are the best.
No rights or lefts. Box of
1,000 points 75 cts. postpaid.
HENRY A. DREER,
714 Chestnut St., Phila., Pa.

GULF CYPRESS GREENHOUSE MATERIAL

HOT-BED SASH, BOILERS, PIPES, FITTINGS,
VENTILATING APPARATUS.

GLASS AT WHOLESALE.

We furnish everything for building. Send
for prices and catalogues.

S. Jacobs & Sons, 1365-1373 Flushing Ave.
BROOKLYN, N. Y.

GLASS.

GOOD BRANDS.
QUICK SHIPMENTS.
LARGE STOCK.

Warehouse on railroad switch. Be sure
and get our prices.

Sharp, Partridge & Co.

22nd St. and Union Place, CHICAGO.

D. O. Cunningham Glass Co.

PITTSBURG, PA.

TANK WINDOW GLASS.

Hot-House Glass a Specialty.

Sprague Smith Co.

PLATE AND WINDOW GLASS

Greenhouse Glass a Specialty.

2051 Randolph Street, CHICAGO.

Index to Advertisers.

| | | | |
|-----------------------|-------------|----------------------|-------------|
| Advertising rates... | 774 | Hess & Swoboda... | 780 |
| Aitken Mark... | 780 | Hews A H & Co... | 800 |
| Albany Steam Trp Co | 800 | Hilfinger Bros... | 800 |
| American Blower Co | 1787 | Hill The E G Co... | 1787 |
| Amling E C... | 777 | Hinode Florist Co... | 795 |
| Anderson Wm... | 780 | Hippard E... | 801 |
| Aschmann Godfrey | 794 | Hitchings & Co... | 1V |
| Baeker A Co... | 789 | Holm & Olson... | 780 |
| Bancroft Jos & Son | 780 | Holton & Hunkel | Co770 |
| Bassett & Washburn | 777 | Hooker H M Co... | 801 |
| | 790 | Horan Edw C... | 779 |
| Baumann L & Co... | 798 | Hort Advertiser... | 798 |
| Haur Floral Co... | 795 | Hunt E H... | 777 |
| B. K. & B. Floral Co | 788 | Hylton J E & Co... | 780 |
| Bayersdorfer H & Co | 788 | Indianap's Floral Co | 781 |
| Beaven E A... | 781 | Jacobs S & Sons... | 801 |
| Beckert W C... | 11 | Jennings E H... | 795 |
| Bentley Coatsworth | 777 | Kasting W F... | 1795 |
| Berkmaus P J Co... | 792 | Keller Geo & Son... | 800 |
| Berger Bros... | 778 | Keller Pot Co... | 800 |
| Berning H G... | 776 | Keenocott Bros Co | 781 |
| Bertermann Bros | Co780 | Kervan Co The... | 778 |
| Blauw J & Co... | 792 | King Construction Co | 111 |
| Bobbink & Atkins... | 792 | Knapp Chas A... | 796 |
| Boddington A T... | 792 | Kohr A F... | 800 |
| Boston Letter Co... | 799 | Koppelman E L & Co | 799 |
| Brague L B... | 786 | Koral Mfg Co... | 798 |
| Brant D Wood... | 777 | Kramer I N & Son... | 801 |
| Braslan S G Co... | 783 | Kreshover L J... | 778 |
| Breitmeyer's J Sons | 780 | Kroeschell Bros Co | 802 |
| | 791 | Kuehn C A... | 776 |
| Brod John... | 795 | Kuhl G A... | 790 794 796 |
| Bruns H N... | 781 | Lager & Hurrell... | 793 |
| Buckley W T Co... | 795 | Lang Julius... | 779 |
| Buckbee H W... | 791 | Langjahr A H... | 779 |
| Budlong J A... | 777 | Larchmont Nurseries | 791 |
| Burpee W A & Co... | 11 | Lee C K... | 781 |
| Burton Jno Assignee | 795 | Lehman Bros... | 798 |
| Byer Bros... | 795 | Leikens... | 778 |
| Byer Floral Co... | 795 | Livingston Seed Co | 799 |
| Caldwell the Woods | 786 | Lockland Lumber Co | 111 |
| man Co... | 786 | Loomis Floral Co... | 788 |
| Calif Carnation Co... | 795 | Lord & Burnham Co | 1V |
| Calif Product Co... | 795 | Loven J G... | 781 |
| Carmony J D... | 801 | Mader Paul... | 793 |
| Chadwick Chas... | 783 | May John N... | 1 |
| Chase Rose Co... | 792 | McCullough's J M | 776 |
| Chicago Carnation Co | 794 | McKellar Chas W... | 781 |
| Chicago House | 792 | Meand H L... | 778 |
| Wrecking Co... | 111 | Mette Henry... | 11 |
| Clare & Scharrath... | 798 | Metropolitan Mate- | 791 |
| Cleveland Cut Flow | Co778 | rial Co... | 801 |
| Cockcroft Jas D... | 790 | Millard Chas... | 779 |
| Coles W W... | 796 | Mills The Florist... | 780 |
| Conard & Jones Co... | 792 | Moller Ludwig... | 11 |
| Connell Benj... | 793 | Moninger J C Co... | 111 |
| Cotsonas Geo & Co | 778 | Moon The Wm H Co | 792 |
| Cottage Gardens Co | 789 | Moore Hentz & Nash | 779 |
| Cowee W J... | 798 | Munson Greenh's... | 792 |
| Craig Wm P... | 791 | Murchie John... | 791 |
| Crooke John J Co... | 799 | Murdoch J B & Co... | 776 |
| Cross Ed... | 793 | N Y Cut Flower Co... | 779 |
| Crowl Fern Co... | 778 | N Y Cut Flower Ex. | 779 |
| Cunningham D O | 801 | Nickel Plate R R | 780 |
| Glass Co... | 801 | Niessen Leo Co... | 773 |
| Cunningham Jos H... | 795 | Northern Michigan | 781 |
| Davis B A B & Son... | 789 | Evergreen Nursery | 781 |
| Davis Bros... | 796 | Ocean Park Floral Co | 796 |
| Davis Bros Co... | 790 | Palmer W J & Son... | 780 |
| Deanud J B... | 779 | Park Floral Co... | 780 |
| Detroit Flower Pot | 800 | Peacock L K... | 795 |
| Mfg... | 800 | Peterson Nursery... | 792 |
| Dietsch A & Co... | 111 | Phila Cut Flower Co | 781 |
| Diller Caskey & Co | 111 | Phila Wholesale | 778 |
| Dillon J L... | 790 793 802 | Flower Market... | 778 |
| Dillon's Mfg Co... | 802 | Phillips Mfg Co... | 801 |
| Dorner F & Sons Co... | 1 | Pierson-Sefton Co... | 1V |
| Dreier H A... | 785 801 | Pittsburg Cut Flo Co | 776 |
| Dreyer R... | 796 | Pittsburg Florist Ex | 776 |
| Dykhuys J... | 792 | Poehlmann Bros... | 777 |
| Eaton H N... | 796 | Pollworth C C Co | 780 800 |
| Elliott Wm H... | 778 | Pope L & Son... | 780 |
| Elliott Wm & Sons... | 798 | Pure Cut Spawm Co | 11 |
| Emmans Geo M... | 794 | Purnell W Z... | 798 |
| Enterprise Wild | 780 | Quaker Cit Mach Wks | 801 |
| Smilax Co... | 780 | Randall A L Co... | 789 |
| Ernest W H... | 800 | Rawson W W & Co... | 11 |
| Ernrich J S... | 779 | Raynor J L... | 779 |
| Fisher Peter... | 1 | Regan Print House... | 798 |
| Flower Growers Co... | 777 | Reinberg Geo... | 777 |
| Foley Mfg Co... | 111 | Reinberg Peter... | 777 |
| For sale and rent... | 765 | Rennison J C... | 793 |
| Ford C S... | 799 | Rice Bros... | 776 |
| Ford Bros... | 779 | Rice James H Co... | 801 |
| Foster Lucius H... | 796 | Rice M & Co... | 789 |
| Freeman Jos R... | 780 | Robinson H M & Co | 778 |
| Gardens Chronicle | 11 | Rohrs Julius... | 795 |
| Garland Geo M... | 801 | Rolker A & Sons... | 792 |
| Geller Sigmund... | 799 | Rossig Bros... | 799 |
| Gormley Wm... | 779 | Rossiter H... | 783 |
| Giblin & Co... | 1V | Sander & Sons... | 782 |
| Glauber Emil... | 791 | Schillo Adam... | 801 |
| Globe Eng Co... | 798 | Scott John... | 796 |
| Gunter Wm H... | 779 | Scott Wm & Co... | 790 |
| Gurney Heater Co... | 802 | Sharp Partridge & Co | 801 |
| Guttman Alex J... | 779 | Sherman Nursery Co | 796 |
| Hart Jas... | 778 | Sheridan W F... | 779 |
| Hammond Benj... | 799 | Sievers & Boland... | 781 |
| Hansen Julius... | 14 | Sinner Bros... | 777 |
| Hauswirth P J... | 780 | Skidelsky S S... | 791 |
| Hedcock Jos... | 796 | Smith Nath & Son... | 793 |
| Heller & Co... | 1 | Smith W & T Co... | 1 |
| Heller Bros... | 776 | Smits Jaco... | 792 |
| Herrende Mfg Co... | 1V | Spaulding Nursery & | 781 |
| Herrmitage Carnat Co | 789 | Orchard Co... | 781 |
| Herr Albert M... | 789 793 | | |
| Herrmann A... | 798 | | |

Sprague Smith Co... 801
Standard Pump &
Engine Co... 1V
Stearns Lumber Co... 801
Steffens Emil... 800
Stenzel Glass Co... 801
Stoethoff H A & Co
790 791 798 799 802
Storrs & Harrison... 792
Styer J J... 11
Swayne Wm... 790
Syracuse Pottery Co... 800
Thompson J D Car-
nation Co... 1
Thorburn J M & Co... 11
Tobacco Warehouse &
Trading Co... 798 799
Traendley & Schenck... 779
Van Kieff W & S... 792
Vaughan's Seed Store
111 782 783 791 793

Vaughan & Sperry... 781
Vick's Sons Jas... 792
Wabash R R... 11
Watson W H... 790
Weber F C... 780
Weber H & Sons... 791
Weeber & Don... 11
Weiland Peter... 776
Weiland & Risch... 777
Welch Bros... 778
West'n Carnat Co... 788
Western Seed Co... 782
Whilldin Pot Co... 800
Wietor Bros... 776
Winterson E F Co... 791
Wittbold Geo Co... 794
Wood Bros... 795
Young A L & Co... 779
Young John... 779
Young Thos Jr... 779 780
Young & Nugent... 779

One Issue Worth Subscription.

AM. FLORIST CO.—Please inform me when my subscription expires as I do not care to miss a single issue of your valued paper. One issue is often worth more than the subscription price.

MRS. W. F. STEVENS.

CLEAN.

Your Tobacco Powder for fumigating is better in every way than stems; very much cleaner, less trouble, and does much better work.

GEO. HINMAN.

See page 799.

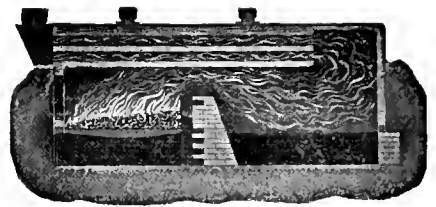
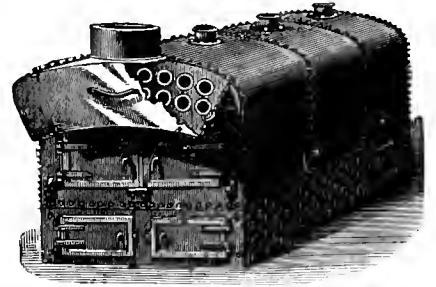
Please mention the American Florist when writing.

KROESCHELL BROS. CO.

IMPROVED

Greenhouse Boiler,

45 Erie St., CHICAGO.



Boilers made of the best of material, shell, fire-box sheets and heads of steel, water space all around (front, sides and back). Write for information.

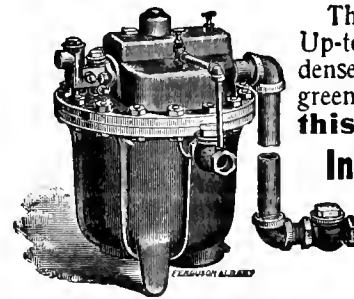
Please mention the American Florist when writing.

Eureka Greenhouses.

The Best and Lowest in Price. All houses erected at the factory and shipped to purchasers with blue prints, photographs and plain directions so that any person can put them up.

DILLON GREENHOUSE MFG. CO., Bloomsburg, Pa.

Steam Traps SAVE COAL



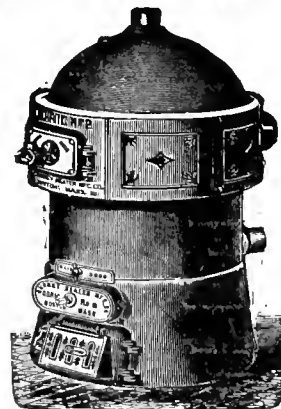
This is the Return Steam Trap used by the Up-to-date Greenhouse men to return the condensed water from the heating coils in their greenhouses. Have been in use for this purpose over 30 years.

Insures an Even Temperature.

Send For Red Catalogue.

Albany Steam Trap Co.

ALBANY, N. Y., U. S. A.



"DORIC" HEATER.

CROP INSURANCE.

Life Insurance is valuable because it guarantees the outcome.

"Gurney" Heaters

"BRIGHT IDEA," "DORIC" and "400 SERIES" do the same thing for your hothouse: THEY GUARANTEE THE CROP. First of all they save 20 per cent on the coal bill and so keep expense at a minimum. Next, they produce an even heat and so do not imperil the life of the plant. Next, they are simple to operate and so require least attention. Lastly, they wear longer than others and thus perceptibly reduce the capital invested. Don't buy or exchange until you've investigated them.

GURNEY HEATER MFG. CO.

74 Franklin Street,
BOSTON, MASS.

111 Fifth Avenue,
NEW YORK CITY.

THE AMERICAN FLORIST



America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."

Vol. XXIII.

CHICAGO AND NEW YORK, DECEMBER 10, 1904.

No. 862

THE AMERICAN FLORIST

TWENTIETH YEAR.

Copyright 1904, by American Florist Company.
Entered as Second-Class Mail Matter.

PUBLISHED EVERY SATURDAY BY

AMERICAN FLORIST COMPANY,

324 Dearborn St., Chicago.

Eastern Office: 42 W. 28th St., New York.

Subscription, \$1.00 a year. To Europe, \$3.00.
Subscriptions accepted only from the trade.

Volumes half-yearly from August, 1901.

SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—PHILIP BREITMEYER, Detroit, Mich., president; J. J. BENEKE, St. Louis, Mo., vice-president; Wm. J. STEWART, 11 Hamilton Place, Room 11, Boston, Mass., secretary; H. B. BEATTY, Oil City, Pa., treasurer.

OFFICERS-ELECT—J. C. VAUGHAN, president; J. R. FREEMAN, vice-president; secretary and treasurer as before. Twenty-first annual meeting at Washington, D. C., August, 1905.

THE AMERICAN CARNATION SOCIETY.

Annual convention at Chicago, January 25-26, 1905. ALBERT M. HERR, Lancaster, Pa., secretary.

AMERICAN ROSE SOCIETY.

Annual meeting and exhibition, Boston, Mass., 1905. LEONARD BARBON, 136 Liberty St., New York, secretary.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Annual convention and exhibition, November, 1905. FRED H. LEMON, Richmond, Ind., secretary.

HOLIDAY SUGGESTIONS.

Christmas Plants.

Each year sees the plant department of the retail florists' business at Christmas becoming more strongly entrenched in the favor of the public following on lines identical with those of the eastern trade and forcing the once powerful cut flower trade from its strongholds on every side. The new and commendable interest in well grown plants thus awakened is reviving the race of plant experts which for a generation seemed threatened with extinction, and we see now admirable examples of pretty and serviceable subjects carefully grown with a view to their giving satisfaction to their ultimate possessors. The varieties of plants easily brought into bloom for the Christmas holidays are limited, as compared with the wealth of material available for Easter, and, notwithstanding repeated experimenting on the part of the growers, the number of really good and popular things offered at Christmas increases with almost exasperating slowness. The predominant varieties this year are practically the same as one year ago—*ardisias*, *poinsettias*, *ericas*, *cyclamens*, *primroses*, *oranges*, and, more abundant than all others, *Azaleas Vervæneana*, *Simon Mardner* and *Deutsche Perle*.

Nord so much trimming and bedecking is seen. Of course, no florist of any pretensions thinks of sending out a nice plant in a bare greenhouse pot; some covering is always given the pot, and a moderate touch of bright holly-red ribbon among the green foliage is too attractive to be omitted, but, as in the case of Easter plants, the stock now presented is so great an improvement over that of former days that the need of some artificial decking to hide blemishes and give finish to the subject is no longer felt, and nature's own draping, when properly supplied, is not easily improved upon.

Receptacles for mixed plant combinations also show a marked advancement each season in artistic appropriateness, the many blendings of chip, braid, raffia and willow in tasteful green tints or scarlet and white affording a wide latitude for critical buyers. Among the new wares received with the greatest favor recently are a variety of designs in

roughly-hewn wood finished in antique weather stained effects introduced under the name of Russian boxes. They are offered in several shapes, but none more satisfactory than the plain, oblong jardiniere seen in one of the accompanying illustrations.

We present herewith a number of reproductions from photographs, showing samples of some of the more simple of the jardiniere groups.

No. 1 is an oval chip basket in foliage green and white, zinc-lined and filled with *Ericas melanthera* and *persoluta rosea* and *Adiantum cuneatum*. A few strands of gauze ribbon, pale green, to harmonize with the foliage, and soft lavender to match the pink erica are added with pretty effect.

No. 2 is a jardiniere of white braid plaited with scarlet willow, and the contents are in the same colors, *poinsettias* and white erica, with a satin bow and cord and tassels of scarlet. It would be difficult to imagine anything more beautiful and appropriate for a Christmas gift than this basket. Is it any wonder that the baskets of former days, constructed of pickled wire roses, carnations and scraps of stevia on toothpicks, etc., and costing as much or more, have been discarded forever?

No. 3 is one of the Russian boxes above alluded to. The plants used are *Aralia acacia*, *Odontoglossum grande*, lily of the valley and *Asparagus plumosus*—a very choice collection. The requisite Christmas glow is imparted by a generous dash of red satin ribbon fastened with a knot of pale green gauze.

No. 4 is a rustic box filled with *Primula obconica*, *Erica melanthera* and *Solanum capsicastrum*. It should be noted that the foliage has dropped entirely from the solanum, leaving the brilliant, scarlet berries only, and in this form they work up very nicely for Christmas use.

Nos. 5 and 6 are hampers, the first of natural raffia and green willow and filled with *cyclamens*, *cocoses* and fine ferns, and the second of light green braid filled with oranges, yellow primroses and golden-foliaged crotons. The effect of both these harmoniously planted baskets is exquisite.

See Next
Issue for
Second
Installment
of
Robert Craig's
Reminiscences

No. 7 shows a sabot or wooden shoe, in which has been planted a variegated aucuba and some *Ficus repens*. Tied with a piece of scarlet ribbon, it makes a quaint conceit such as many Christmas shoppers are in search of and very many were disposed of last season.

No. 8 shows our old friend *Cypripedium insigne* decked out for a holiday visit. Waterproof crepe paper hides the pot and a sash of dark green satin, with a few strands of white gauze, complete the holiday attire.

No. 9 shows the popular Christmas heath, *Erica melanthera*, in a pale green pot cover of fiber ribbon. This heath is grown in enormous quantities for the New York market every season, and is seen in all sizes, from a few inches up to five feet in height.

Cut Flowers For Holiday Trade.

Flowers this season are about the same as in former years, except possibly a few new varieties of carnations and roses. Chrysanthemums are about over, and really our customers are quite tired of them, although they seem to be running nearer to Christmas every year.

Red, of course, is the most popular color for the festive season and the most appropriate. All flowers in this color are in great demand. The brilliant poinsettia is undoubtedly leader for Christmas work as the lily is at Easter. This plant in the pot form is comparatively easy of management, but as a cut flower is always a problem, as it wilts so easily. This, however, may be overcome by placing the ends of the stems in very hot water. This will force the milky sap back up the stem, and seal the tissues. The stems must be watched carefully during the process or they will become limp. A little experimenting is the safest plan. Poinsettias treated in this way will last a week or more and the foliage will keep green and healthy.

Euphorbia Jacquiniaeflora, with its beautiful racemes of bright red flowers, belongs to the same family, but is only slightly known as a Christmas flower here, although it has appeared in New York during the last two or three seasons. It is used extensively in Europe and is very fine for table work. A beautiful effect for a dinner table may be had with this flower and *Adiantum Farleyense*. A suitable basket or plateau is filled with growing plants of *A. Farleyense*, the euphorbia being arranged through it in graceful sprays. Poinsettia flowers (bracts) can be laid on the table cloth in appropriate designs, intermingled with ribbon of the right shade. Corsages of red carnations for the ladies, and boutonnières for the gentlemen complete the effect.

Another pretty decoration is the so-called "high decoration." In this tall vases are used, thirty to forty inches high. These are filled with long stemmed poinsettias, and if three are used, as for a long table, they can be connected by garlands of smilax or *Asparagus plumosus*. Small bunches of holly arranged in wreaths around the base of each vase, bows of red ribbon at each corner, with the ends reaching to the ground, completes a charming decoration.

Holly center pieces are always popular and can be improved by the introduction of poinsettias, red carnations or berries. A small electric light can be introduced, red or white bulbs, and the effect is very good.

For a large dinner a centerpiece composed entirely of poinsettias, with smaller

crescent-shaped pieces of *Cypripedium insigne* and red carnations placed at regular intervals and corsages of the same flowers tied with green ribbon and green and red ribbon on the table, make an attractive combination.

American Beauty roses and Liberty are used extensively for table work at Christmas. These may be used in combination with lily of the valley, mignonette or *Cypripedium insigne*.

A great many customers like to use their own silver in decorating their tables. This should be encouraged, as it adds greatly to the effect.

Flowering plants are getting more into favor each year as holiday gifts, but cut flowers still hold their own, although the prices of American Beauty roses, gardenias, orchids and some of the rarer flowers sometimes stagger our wealthiest patrons.

Orchids are becoming a necessary commodity to the high-class florists and they are seldom without them, at least in New York. The coming Christmas will find them more than ever in demand, they are so useful for filling silver vases and cut glassware intended for Christmas gifts. It is now quite the thing for customers to bring such gifts to us, and they always require the choicest of flowers, orchids, gardenias and lily of the valley being most in demand.

A silver basket sent out from a Fifth avenue establishment is worthy of description. It was a silver-handled basket, about twelve inches long by eight wide. This was filled on one side with the beautiful pale *Cattleya Trianae*, with *Phalaenopsis amabilis* and *Cypripedium Spicerianum* the variety with the white dorsal sepal on the handles. The whole was finished up with *Adiantum Farleyense* and tied with a French bow of white satin ribbon. This was a wedding present.

Another very attractive arrangement is worthy of comment. This was one of the Russian handle boxes, which are still

in favor. It was filled with American Beauty roses intermingled with *Oncidium varicosum* and *O. tigrinum*, the beautiful yellow sprays making a fine contrast. On the handle were blooms of *Cattleya Dowiana*, the yellow cattleya, while the base was composed of growing plants of *Adiantum Farleyense*, with a large cluster of lily of the valley. No ribbon was used and the flowers were all in water. We were informed later that the arrangement kept quite fresh for three days.

The Killarney rose is one of the finest acquisitions of recent years. It is a great favorite with all and will figure quite largely in the holiday trade. The great trouble with it is that it is impossible to get enough flowers, and it is surprising that more growers have not taken it up as a staple variety. It is useful for all purposes, making up splendidly in bouquet work, especially when the flowers are half open. It is also very fine for table decoration and corsages, and may be especially recommended for vases on account of its lasting quality, the petals holding well even when the flowers are full blown.

Corsages are very popular as gifts among our male customers and are made up in great variety, violets, of course, taking the lead. There is a variety of ways of putting them up. Lily of the valley and violets are very good, especially when tied with violet ribbon and a white cord. Violets with two or three cattleyas arranged behind them tied with orchid ribbon; violets and gardenias, cypripediums and occasionally a red rose are some of the best combinations. Large headed pearl pins are used with good orders and give a rich finish. Lily of the valley and orchids and all varieties of roses in combination with lily of the valley, or by themselves, are good.

Cut flowers in boxes are also popular. Bright red boxes for the holidays have been used, but a white box tied with red ribbon, and a little holly or mistletoe at the bow, gives a festive appearance.



CHRISTMAS PLANTS. NO. 1. STUMPP.



CHRISTMAS PLANTS.—NOS. 2 AND 3.

Long white chip baskets for American Beauty roses and other long stemmed flowers will be seen this season, and are a pleasing change from boxes.

Every care should be taken to have cut flowers put up tastefully. Nothing looks worse than flowers thrown into a box. Plenty of green should be used to hold up the flowers, which should be laid in carefully with regard to color combination as far as possible. A little *Adiantum cuneatum* interspersed as a finishing touch is worth while.

Handling Holiday Plants.

The preparation of an assortment of plants suitable for the holiday trade is a matter of some anxiety to the grower, the weather problem being one of the questions difficult to solve, in addition to which there frequently is some question as to the probable turn of the market. It seems quite natural that the retailer should prefer to sell cut flowers rather than plants at that season, so much less trouble being experienced in the safe delivery of cut flowers during severe weather than there is with flowering plants. But there is unquestionably a growing trade in plants at the holiday season, and the growers are preparing for it and hoping for reasonable temperatures at the time of delivery.

Among the flowering plants presented at that time, those having bright colored blossoms are naturally most in favor, and of these the azaleas form a prominent part, the reds and pinks being usually first choice, though there are also many white ones forced for this occasion. These plants will have been in heat for several weeks, and should be beginning to show their flowers by this time in a temperature of 60°, from which the plants should be removed to a cooler and more airy house as soon as the buds are well up and about ready to burst, for these early forced flowers need to be hardened to some extent before the plants are sold.

So much depends upon the weather

that it is almost impossible to lay down a positive rule as to the time an azalea should be removed from the forcing house to a cooler one, but it is much easier to retard the opening of the flowers at this time of year than it is in the spring when the sun has so much more power. In the early stages of azalea forcing the plants will require vigorous syringing every bright day in order to swell up the buds, but as the flowers develop more care is needed in watering overhead, otherwise the flowers may be injured; but at all times the plants will take up a great deal of water at the root while kept in so warm a house.

Poinsettias are grown much more largely than in former years, the favorite way in which they are offered at Christmas being in pans containing about half a dozen small single-stemmed plants, and these pans had better not be filled too soon, a week or ten days before they are to be sold being quite early enough, from the fact that a poinsettia is liable to resent any serious disturbance of its roots at any time, and especially during the winter. The pans used for this purpose are mostly about four inches deep, and ten to twelve inches in diameter, such a pan permitting the use of plants from 4-inch pots by reducing the ball of earth to some extent when planting them, and in order to fill in the base and cover the soil some small plants of *Asparagus plumosus* and small ferns of some of the coarse-leaved species are planted between the poinsettias. But do not try to harden off the poinsettias in a cool house, or the leaves will soon turn yellow and fall, these plants demanding a temperature of not less than 60°.

Good plants of *Cyclamen Persicum* are in favor at this season, and these will not stand high temperature satisfactorily, but there is seldom any necessity for forcing cyclamens, as they may be grown along in a temperature of 50° to 55°, so that the best crop of flowers will come in at the holiday season. These plants should have the full light, and if possible be grown on benches that are not too far

from the glass, the object being to prevent either foliage or flower stems from becoming long and drawn, giving the plants free ventilation just as long as the weather will permit it. Care is needed in watering, for these plants will not stand indiscriminate flooding with a hose at this season, and the flowers must be kept dry to avoid rotting them off.

Begonia Gloire de Lorraine is another favorite, and those made up in pans should be in salable condition by this time, this method being a good one to use up the less shapely plants, and a few little ferns may be used to advantage in filling these pans. It is especially necessary that this begonia shall be kept in a steady temperature, though not a very high one at this time, 55° at night answering very well, providing that the atmosphere be kept rather dry. It is almost impossible to prevent this plant from flowering, so there is seldom any trouble on that score, but the flowers may readily be spoiled by too much water, and when the time for delivery comes it is also noted that these flowers are very easily injured by frost.

Various primroses appear among the Christmas stock, the *Sinensis* varieties being commonly sold in single plants, but may also be made up into pans with good effect if the colors are kept separate or else made up in strong contrasts, there being variegated tastes in regard to such matters. These also are cool house plants and liable to suffer from too high a temperature, spindly plants, stem-rot and other troubles following the application of too much heat.

Solanums are the cheapest of the berried plants for the holiday trade, and stocky, well fruited plants usually find a market. Green fly and red spider are two of the most likely enemies of these plants, the first being readily routed with ordinary tobacco fumigation, and the second pest may be killed with strong nicotine vapor or kept down by thorough and forcible syringing, and also spreads less rapidly in a low temperature, such

as may be grown to *Solanum capsicastrum* at this season. Owing to a three years' course of preparation *Ardisia crenulata* keeps among the more select stock, this also being a subject for a medium temperature course of treatment. *Ardisias* cannot be hurried to any great extent either in growth or in ripening their berries, the best plan at this season being to keep them at 50° and in full light if the berries are fully colored, and not to water them overhead, but if the fruit is not quite ripe, they may have 5° to 10° higher temperature, in which the coloring will proceed more rapidly but after which the berries will drop sooner than they will from the plants that have been kept cool.

Aucubas and *hollies* in tubs are also to be considered among the berried stock for the festive season, and these may be kept in good condition under the same treatment as that accorded the bay trees, that is, placed in an unheated house, or rather in one sufficiently heated to only keep the frost out, being careful to watch that these plants do not get dry at the root, for all such plants in fruit evaporate a good deal of moisture in a day.

Dracena terminalis is another Christmas subject, the brilliant coloring of a well grown plant being especially appropriate for that season, and to get that coloring the plants must not be allowed to become starved, nor must they suffer from lack of heat, a night temperature of 65° to 68° being about right. Snails are particularly fond of these plants and must be watched for continually, and greenfly is quite partial to young growth.

Crotons are also needed to a greater or less extent, those having much red in the variegation being most in demand, though nice young plants of some of the yellow varieties will also prove useful. These plants are not difficult to manage, but must have heat in order to keep them growing and in color during the winter season, a night temperature of 70° being the right mark when coupled with a moist atmosphere.

Boston ferns and *kentias* are also needed at Christmas, as indeed at all other seasons, and the stock offered at that time should be clean, stocky and shapely, all of which may be managed with care in a night temperature of 60°.

Then, with well scrubbed pots, carefully wrapped plants if the weather should prove cold at that time, and a heated wagon for delivery, the grower may feel some degree of confidence that a measure of prosperity is heading his way.

W. H. TAPLIN.

Chicago Retailers on Holiday Prospects.

FLEISCHMAN.—George V. Wienhoeber, manager, says that he expects a large Christmas business and that this is proved by the engagement of two extra rooms to hold their plants. The specialty here will be made-up baskets, which will sell at from \$8 to \$35. A novelty in Chicago will be *camellia* plants, a double pink and a white, which he expects to sell at from \$8 to \$12 apiece. These plants were grown in the west. They will be sold in pots covered with matting. Hampers of *cyclamens*, *asparagus* or ferns, the bas-

kets decorated with holly and tied with suitable ribbon, he expects to be popular. He looks for a big violet business. A pretty arrangement, which has taken well with his firm, is a handle basket filled with violets and lily of the valley and trimmed with chiffon. Chiffon is mainly used for decorating now. Both wide and narrow ribbons are also used. He does not use pot-covers extensively. *Azaleas* are dressed up with the new crimped waterproof paper brought out last year. He expects flowering plants to be most popular, although there will be, as always, a large demand for peppers.

A. LANGE.—If Thanksgiving was any indication trade in Chicago for Christmas will be considerably larger than last year. With us it will drift to cut flowers, with orchids and violets for specialties. A novelty which is meeting a large demand with us is the violet hamper. These are made in various shapes of wicker work, the most popular being egg-shaped. Some are made to form miniature automobiles and are filled with violets or lily of the valley or both. They take very well. For our violets we have ribbons of a dozen different styles this year, tasseled and with bows, of velvet, satin or pongee silk. A novelty in the line of store decoration is the use of window shades of different colors to match the flowers being displayed. We are using wide ribbons to tie up our flowers and decorate plants. A novelty in plant decorations is the intertwining of ribbons among the branches, tying them into bows and allowing the ends to drape loosely. We will use both paper and wicker pot covers for our plants.

J. MANGEL.—Trade will be good if the increase we experienced on Thanksgiving holds good on Christmas. Cut flowers will be our specialty. The violet trade particularly we expect to be fine. We have had 500 immortelle bells made up and expect to dispose of more. We started work on these two weeks ago. Our trade will run mostly to cut flowers, we believe. We do not use baskets very much, but decorate our flowers with wide ribbon.

OSCAR FRIEDMAN.—For Christmas we are going to make our store as attractive as possible with window decorations and the best arrangement of the interior that we are capable of. This is an all important point. We will have no particular specialties, handling everything. Whether a customer takes cut flowers or plants is a matter that depends largely on the salesman who is waiting on him, but the demand for plants is growing every year and we expect it to be large at Christmas. We will have many basket novelties, but we will not decorate any two alike. We never trim two plants in the same way. We use both wide and narrow ribbon, and are particular about the color scheme, making sure that the flowers or foliage of the plants and the ribbons used blend perfectly. We take no stock in pot covers, believing that they do not add to the selling price of a plant. Paper is cheaper, and plants with the pots covered with paper sell as quickly and for as high a price as those with pot covers. We expect a demand for both berried and flowering plants and a large call for cut flowers.

C. A. SAMUELSON.—The tendency of trade is undoubtedly toward the purchase of plant arrangements in preference to cut flowers. Blooming plants of all kinds will be in demand this year more than ever if indications hold. The poinsettia, the azalea and the *aucuba* are the most popular. Plant baskets of all





CHRISTMAS PLANTS—NO. 6. STUMPP.

prices up to \$25 are going to be a specialty with us. We look to see the cut flower trade as good as last year, however.

WILLIAM J. SMYTH—Made-up plant baskets I expect to be in greater demand than usual this Christmas. In cut flowers I do not look for any increased demand, but rather for a decrease. High prices and the poor condition of stock, due to pickling, will have their effect. People are satisfied to pay good prices for a plant basket that will last, but cut flowers are worthless after a few hours and they hesitate to pay the figures asked. Poinsettias, azaleas and cyclamens I expect to handle in large quantities. The Boston and Scott ferns will also be very popular, according to indications, the latter variety taking well with my customers. Baby Rambler rose I also consider a good thing.

Flowers at Congress' Opening.



"A howling mob in a florist's shop," was Speaker Cannon's description of the house of representatives a moment before his gavel fell calling it to order on Monday, December 5. The floral display in both houses was very good, though not so elaborate as on several previous occasions. It is probable that every florist in Washington had an order of some kind for the day, but a large percentage went to the Fourteenth street and F street stores.

There were a number of fine baskets of mixed flowers, but bunches were the rule. There were bunches of American Beauty roses, both long and short stemmed, and bunches of chrysanthemums and carnations. Almost everything, including poinsettias, was worked in.

J. H. Small & Sons sent in some fine baskets of American Beauty and mixed flowers

A. Gude & Brother had quite a run in

bunches of American Beauty roses and Jones chrysanthemums.

Blackstone, besides other orders, filled one for a handsome basket of orchids and American Beauty roses for Senator Kean's desk.

Geo. H. Cooke had several good orders for the desks of senators.

Henry Pfister made up several nice baskets.

John Robertson had an order in which poinsettias were included.

Geo. C. Shaffer made up a number of bunches of mixed stock.

Last year at Senator Hanna's desk there was a most elaborate floral display; this year it is the badge of mourning, and the same was true at the desks of Senators Quay and Hoar.

The old timers in the retail trade say that people as a rule do not order such expensive floral tokens for the houses of congress as they did in former years. An old florist said: "They used to be willing to pay from \$15 to \$25, but few of them now want to go above \$5." To offset this, it is probable that more people send flowers than in former years, at any rate it is a great day for the florists.

The weather could not well have been worse. Rain and sleet and an atmosphere that chilled one to the bone; flowers—and hot drinks—were most essential to brighten things up a bit.

On the desk of Representative Reeder, of Kansas, was a basket of roses and a card attached, inscribed: "From Smith county, Kansas, home grown, and the best ever."

On the democratic side of the house "Tim" Sullivan, of New York, was the favored one. A truthful young man remarked: "Both the floral tributes and the members are the most numerous on the republican side." S. E.

ALVIN, TEX.—**C. W. Benson** says that his sales of gardenia buds in one month last spring jumped to nearly \$4,000.



CHRISTMAS PLANTS—NO. 5. STUMPP.

President Breitmeyer on Trade Conditions.

President Philip Breitmeyer, who has returned from a recent brief visit east, relating some of his observations while there, said: "I arrived in New York the day after Thanksgiving, and on visiting the wholesale district found depleted stock everywhere and smiles of satisfaction worn by all the wholesalers as a result of a most successful Thanksgiving trade. The most optimistic feeling seemed to prevail as to the prospective winter's business, all agreeing that the trade of the past few weeks clearly indicated a prosperous season just opening. The prominent retailers, most of whom were visited, voiced the same sentiments, all having enjoyed a good fall business and the gay season just opening full of promise."

"C. W. Ward's place was the only grower's establishment visited. Here was found the most uniformly fine stock of carnations I have ever seen. He has two novelties in carnations which I think cannot be surpassed, and certainly the finest coming under my observation. One is a pink and the other a white, and Mr. Ward promises an exhibit of them at the meeting in Chicago in January next. I was very favorably impressed with Robert Craig as seen here. In size, color and growth it seemed all that could be desired, and I predict for it a permanent place among the standard varieties of the future."

"A flying trip was made to Philadelphia, where similar conditions to those of New York were found. A striking novelty seen both here and in the metro-

politan city was the Baby chrysanthemum, a small, bright yellow flower which has quickly found favor with flower buyers either as cut blooms or pot plants. It seems justly popular, for it is unique and quite distinct and its future popularity is assured."

"A stop was made at Pittsburg, where much business activity was found in all lines, the florist's business seeming to enjoy its share of this hustling city's prosperity. The flower market here, where many growers dispose of their entire stock, is very interesting and is found a valuable and popular means of supplying much of the city's trade. Ludwig's new store, recently completed, was found very commodious and complete in all its appointments, a conservatory in the rear being a valuable feature. This establishment, as well as the other retailers, has been enjoying a very satisfactory fall business."

Mr. Breitmeyer's chief business east was in the interest of his firm's proposed new store and office building into which there will be incorporated the most modern features known in similar buildings, it being the firm's determination to possess, when completed, the finest, as well as the best appointed, store of the kind in this country."

SPRINGFIELD, N. J.—Henshaw Brothers, to raise and deal in flowers, plants, seeds and the like, with a main office here, has been incorporated, with a capital of \$100,000, by William Henshaw, Archibald M. Henshaw and Minnie Henshaw.

Seen at the Fall Flower Shows.

PART II.

Begonia Fosteriana was shown at Lenox, Mass., by E. Jenkins, gardener to Girard Foster, and received the prize for the best novelty in plant or flower. This was described in the report of the Lenox flower show, viz.: "It is the product of a cross between a fibrous rooted parent and a tuberous rooted parent. The fibrous variety was probably Socotrana. The leaf resembles Gloire de Lorraine in form but is larger and of a thicker texture. It is itself a fibrous variety, yet it requires a considerable rest. The flowers are red in color, semi-double after the form of the tuberous parent and about the size of La Fayette. It is understood the cross took place in England but Mr. Jenkins holds the entire stock. This plant will be a mate for Lorraine with greater possibilities. At the last meeting of the Tarrytown Horticultural Society Mr. Featherstone, gardener to Samuel Untermyer, showed two plants, almost identical in every respect, for which he received the prize of the evening and also a certificate of merit. When on a visit to Greystone, Mr. Untermyer's place, the other day, we saw several other varieties, all the result of the same cross. One variety named Ensign is a semi-double (perhaps more nearly double). The flowers are red with a white center, also about the size of La Fayette. This is very much the same, if not identical with the variety seen in Lenox named Fosteriana."

Winter Cheer is from the same cross and is of the same type. In color it is a deep scarlet, is very free blooming, with flowers as large as Ensign. This is the best one of the whole lot.

Winter Perfection is a pink variety with a green center. In every other respect it resembles Ensign.

Ideala and Mrs. Heal are single flowering sorts, the flowers resembling single flowering tuberous varieties. It is understood that they were raised by Jas. Veitch, of London, England, and have been on the market there for the last three years. They are undoubtedly the result of the aforesaid cross,—Begonia Socotrana and various tuberous varieties.

Mr. Featherstone says: "Their cultural requirements are similar in most respects to Gloire de Lorraine. They commence flowering in November and keep going almost continuously till the middle or end of February. When flowering is over they require to be slightly rested, but not entirely dried off until midsummer. They produce small bulbets at the axils of the leaves. These should be left intact until growth is started up again, and the said bulbets will become quite firm. If taken off before they are thoroughly firm they will decay, but when in prime condition they start readily and soon make nice plants."

Everyone who has seen these plants is greatly in love with them, and for them a bright future is predicted.

From Mr. Untermyer's greenhouses was also shown at the same meeting a sport from Begonia Gloire de Lorraine, named Agatha. This is a Lorraine in every respect except in growth. The veins and center of the leaves instead of being reddish as in Lorraine are white. The growth is much more compact and it produces more flowers. In an 8-inch pan it does not grow over nine inches high and hangs all over the edge of the pot, making a very suitable plant for table decoration.



CHRISTMAS PLANTS.—NO. 7. THE ROSARY.

THE CARNATION.

Notes on New Varieties.

We are now able to form a good idea of the new varieties sent out last spring. Present indications would seem to point that we have some fine things in white among them, something that was badly needed.

Lady Bountiful is giving great satisfaction wherever it is grown. It is a fine, healthy grower with long, stiff stems and large, pure white flowers of fine form with lots of substance and good keeping qualities.

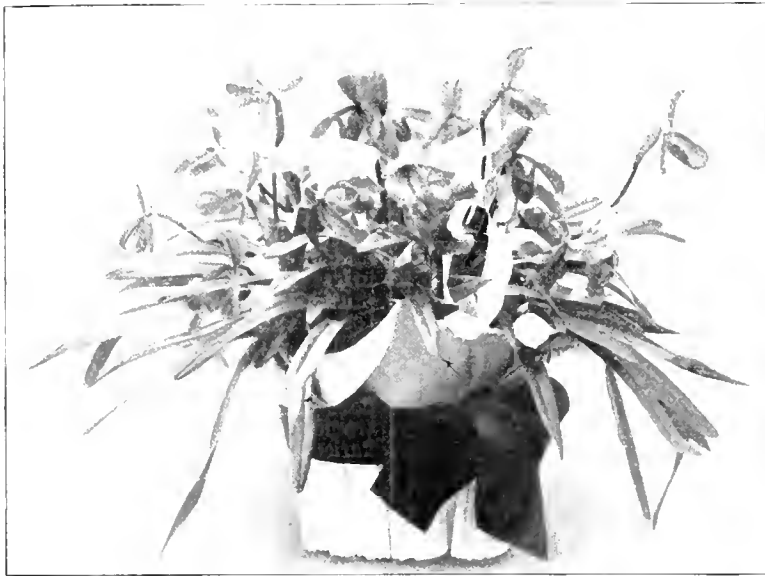
The Belle is another grand white of largest size, pure color, extra fine form and texture.

White Lawson is as fine in every way as Mrs. Lawson, but pure white in color. It cannot fail to become one of the leaders, if not the leading white carnation for all purposes.

The above three are great producers from start to finish and while one or the other may do a little the best with some growers all three of them will more than pay their way.

Mrs. M. A. Patten is a fine variegated sort, a healthy, vigorous grower, free in bloom, with a fine, large flower. Anyone having need of a variegated variety will find this to meet all expectations.

Nelson Fisher is a fine grower, very free, with good stems, but we prefer Mrs. Lawson in this color. From our observations Nelson Fisher has not the keeping qualities of the Lawson.



CHRISTMAS PLANTS.—NO. 8. STUMPP.

The new rose, Tom Field, exhibited at Philadelphia by George Field, Washington, D. C., looks like a good thing and is apparently ahead of any of the other new things in the rose line. It is understood to be a cross between La France and Bridesmaid. The parentage of this rose is distinctly visible in the new comer. The flower is very much like the Bridesmaid, of the same color, with much of the perfume of La France. The stem and foliage is an improvement on Bridesmaid and the flower is larger. If it has the free flowering qualities of the old favorite it will be a great acquisition to the winter flowering section and will undoubtedly be greatly in demand.

The Baby Rambler rose, exhibited by Vaughan's Seed Store at all the eastern flower shows, seems to fully bear out the claim of perpetual flowering qualities. It is being widely distributed.

Phoenix Roebelenii was extensively exhibited in New York by J. L. Childs, Floral Park, N. Y. This is not a new thing by any means. Several plants have been seen in this country for the last few years, but this is the first time that it has been seen in quantity. It is a very graceful palm in a small state. It has a narrow leaf very much resembling Cocos Weddelliana, but has a more graceful curve. It is an easy doer, is an ideal plant for a centerpiece in a table decoration. The price hitherto has been prohibitive, but with the quantity now in hand this is overcome. It will be commoner in the future and more useful than cocos.

Carnation seedlings are numerous and in nearly every case the raiser thinks his duck is a swan, but the stand-bys, Lawson, White Lawson, Flamingo, Enchantress, Harlowarden, Harry Fenn, Prosperity and Mrs. Patten, will still come out ahead in many a hard fought battle. Fiancee as seen at the various exhibitions and especially at New York, was greatly admired. It looks like a real improvement over existing sorts, and as such can be conscientiously recommended.

Victory is the most vivid crimson yet seen, it also possesses size and substance, and is a well built flower. It seems to be one of the best keepers yet disseminated. In Boston it stood throughout the exhibition in first-class condition, and was perfectly fresh at the close, while most of

the others had gone to sleep. It also showed its good keeping qualities in New York and other places. It is somewhat deficient in stem, but if it has the free blooming qualities claimed for it, and which the looks of the thing would indicate, it will undoubtedly have a great run.

TRAVELER.



CHRISTMAS PLANTS. NO. 9.

Flamingo got rather a black eye starting out, on account of the flowers not opening out properly, but during the last month it has redeemed itself to a great extent, and as the season advances it may more than come up to expectations.

Crusader is a fine commercial red of good growth, very free, but lacks a little on color.

Indianapolis is a pleasing pink, flower large enough for commercial purposes, very free in growth with good stem; promises well.

Moonlight, one of last years' varieties, is a fine white, lacking a little on size compared with Lady Bouitiful, but still good for commercial purposes.

The Bride is a new white. We have seen some very fine blooms of this variety with good, stiff stems but have not yet seen it growing so cannot comment on it in this respect.

Boston Market is also a fine white for all commercial purposes, a clean, healthy grower and very free.

There were several seedlings at the Chicago show on seedling day which attracted our attention, notably the following:

Seedling No. 93, from W. N. Rudd, Mt. Greenwood, Ill., a fringed pink somewhat on the order of Fiancee but a little deeper in color. This was good enough to win in its class, also to win over all others for the sweepstake cup and having seen and examined the growth of the plant I believe it to be a winner.

My Maryland, from H. Weber & Sons, Oakland, Md., is a fine white, very much on the order of White Lawson, with fine stem and large flower with lots of substance; looks like a fine variety.

Melody, from W. C. Hill Floral Company, Streator, Ill., is a light pink sport from Mrs. T. W. Lawson, somewhat on the color of Enchantress. There should be a place for this.

Gen. Wayne, from W. J. & M. S. Vesey, Fort Wayne, Ind., is a pink similar in color to Mrs. Joost, but with a considerably larger flower, a pleasing variety.

There were others under number from Bassett & Washburn, H. Weber & Sons, Anton Then, the J. D. Thompson Carnation Company and E. T. Grave, among which were several very promising looking flowers. C. W. JOHNSON.

Strange Disease of Lawson.

ED. AM. FLORIST:—We are sending by express a sample of two benches of Lawson that we bought and planted in September. We are at a loss to account for the foliage drying up, in fact the plants have not made the least bit of growth since they have been planted more than two or three weak shoots around the stem just above the soil. The lower branches of the plants were in this condition when they arrived, but we thought they would outgrow that. We cleaned them thoroughly of all the dead and diseased foliage when we planted them, but they continued to get worse all the time. A. T.

The plants are suffering from the "wilt," a disease caused by a parasite fungus, a *Fusarium* sp. The parasite lives in the soil and infects the plants through the roots. The continuance of the *Fusarium* in the soil is particularly favored by lime and alkaline fertilizers, hence it is necessary to avoid such in favor of acid phosphate, etc. At once pull up and destroy every diseased plant, for such never recover, and make an application of acid phosphate, using one pound to twenty square feet of bed. G.

CHRYSANTHEMUMS

Chrysanthemum Pink Queen.

The chrysanthemum herewith illustrated, Nathan Smith & Son's Pink Queen, is a valuable addition to the early section, being at its best October 20. It is a large Japanese incurved, blooms bright rose, with no trace of magenta. It has the stiff stem and heavy foliage of



Chrysanthemum Pink Queen.

Glory of Pacific, and, seldom exceeding two and a half feet in height, it can be grown in benches or in pots without supports. It is the largest of its type and color at the date of flowering and has been awarded the C. S. A. certificate.

The Baby Chrysanthemums.

The accompanying illustration is of a plant or several together in a 7 inch azalea



CHRYSANTHEMUM DOROTHY FAUST.

pot of the new yellow miniature pompon Chrysanthemum Baby placed on the market this fall by Robert Craig & Son. In color it is a bright golden yellow, the individual flowers being from one-half to five-eighths of an inch in diameter. Every flower petal is quilled, which gives the blossom quite a unique appearance. The sprays carry from six to eighteen flowers, according to their strength. As grown by the Messrs. Craig the plants were pretty and effective and very salable, as all (some 1,200 pots) were disposed of in less than two weeks. The wholesale price was from 75 cents to \$1 each, while the old varieties, larger plants and very well done, could be purchased from other growers at from \$3 to \$5 per dozen.

Any of the choice varieties of the pompons could be grown in this way and would make very salable plants. This variety is said to have been imported from Japan some three years ago. It may not be a new sort, but as put out by the Messrs. Craig it looked like a novelty and brought the price, which after all is what we are here for, even if it is not always kept in mind.

ROBERT KIFT.

Growing Blue Hydrangeas In Paris.

No drug or corrosive is used to make the blue hydrangea flowers. To obtain the fine blue color the plants are grown in a special soil which comes from Angers, and no other soil is used for repotting the plant later on. Some growers use two or three grammes of sulphate of iron per liter of water and water the plant with that solution two or three times per week. This helps the flowers in becoming blue but can never replace the Angers soil for obtaining the intense blue tinge.

BRIDGEWATER, MASS.—A new greenhouse is being erected at the L. C. Stearns place on Park avenue.

PITTSFIELD, MASS.—R. Grigg & Son have decided to close out their florist and market gardening business and retire from active business. Richard Grigg has been in the trade many years.

WITH THE GROWERS

Poehlmann Brothers' Company, Chicago.

Since the addition of the extensive range of carnation houses, which were put up this summer, Poehlmann Brothers' place at Morton Grove, Ill., steps into rank as one of the largest in Chicago. The new range consists of seven houses, each 27x500 feet. They are of modern iron construction and devoted exclusively to carnations. The vacuum low pressure system of heating is used, the mains from the boiler room feeding the long houses from a central aisle. All benches are five feet wide, four benches to the house, with 24-inch walks between and 3-foot walks at the ends. The benches dip slightly from the center to the ends of the houses, insuring a clean flow.

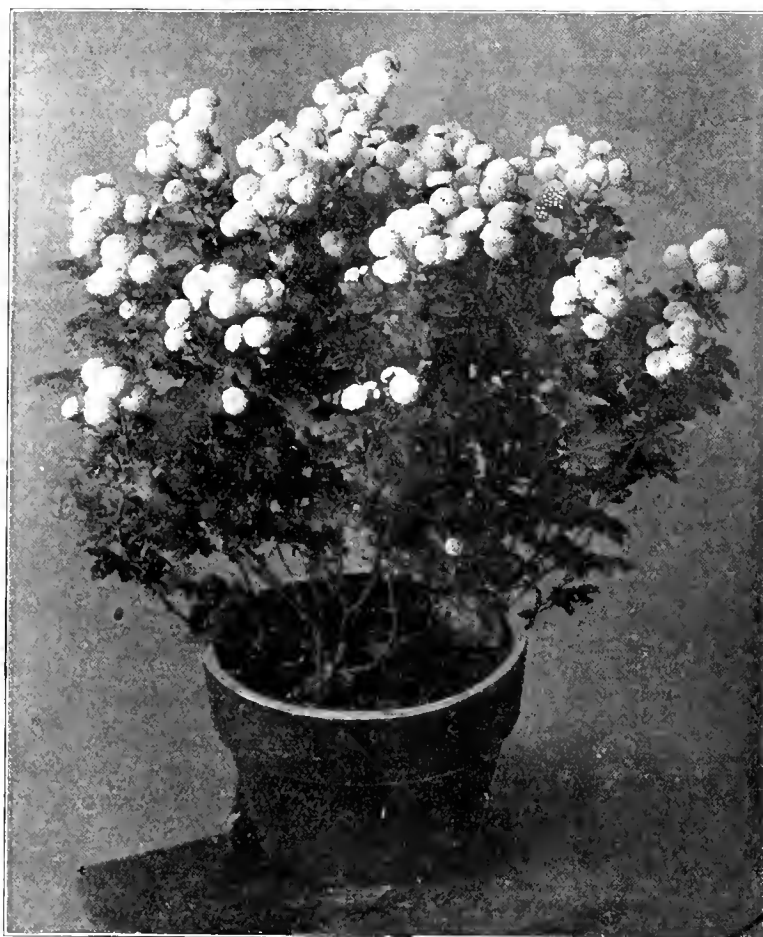
The first variety which greets one upon entering is Lawson. Two 500 foot houses belong to them, and there are about 28,000 plants. Wolcott is the leader in white, there being nearly 20,000 benched. This has been a most consistent performer at this place. It is here a wonderfully clean cropper. A record of all splits, culls and good blooms kept of this house shows that since September, 1903, but 150 splits were picked! In line comes Enchantress, in fine form, Prosperity well picked down, Flamingo, Crusader, White Cloud, and practically all the leading marketable varieties. The thrifty condition of the plants is noteworthy. Wire ring supports are used almost exclusively. The carnation houses are superintended by Foreman Guy French.

The boiler, engine room and coal sheds operating this range are also new, having been built at the same time. A spur of the Chicago, Milwaukee & St. Paul railroad brings the coal to the very boilers, and other features are correspondingly convenient. Four deep artesian wells supply sufficient water for all purposes, compressed air being used for pumping. Two 150 horse-power Freeman boilers furnish the steam for this range. They are well apart from the engine rooms, keeping out coal dust, smoke, etc. The coal bins will accommodate 650 tons. Two houses planted three weeks ago to *Asparagus plumosus*, *A. Sprengeri* and *smilax* completes the new range.

Most of the American Beauty stock is planted in the older houses. There are thirteen Beauty houses, averaging 300 feet in length. A survey of this vast "woods" of rose plants reveals the secret of Poehlmann's prize winning stunts at the various exhibitions with this variety. Every plant is nursed, nourished and nurtured like a child, and there is health and vigor stamped on every leaf. Most of the stock is two years old and much of it is long-stemmed. The plants are heavily budded and an increased cut from now on through the winter season is insured. The tea roses show good form, the Liberty, Chateaufort, Bride and Bridesmaid being the mainstays. Most of the teas are grown at Plant B, which comprises seventeen houses, ten 250 feet long.

The company experienced one of the best chrysanthemum seasons of its history, devoting much space to this line. Most of the bench room left vacant is now being utilized for the forcing and potting of bulbous stock, tulips, hyacinths, narcissi, *Harrisii*, etc. In one season 45,000 lily bulbs are forced here on an average.

There are four department foremen, Guy French of the carnation range,



CHRYSANTHEMUM BABY.

George Bowditch over the main rose ranges, William Scott over the chrysanthemums and asparagus departments and James Novak. The greenhouses are managed by August Poehlmann and the down town office and shipping department by John Poehlmann.

Welland and Risch, Chicago.

The greenhouses of this well known firm are located on the "ridge" in Evanston but a few blocks from the Main street station of the Northwestern railroad. Located on a slope, high and dry, the conditions for successful growing both in the houses and field are admirable. A visit just now is easily worth the trip, as every house is in the pink of condition, with hundreds of benches in full crop and as many showing myriads of glorious buds which will find their way to the market in the course of time.

The establishment embraces approximately 250,000 feet of glass, American Beauty roses getting one third, teas a third and the balance to carnations and chrysanthemums. The last named are out for this year, after one of the most successful seasons the firm has enjoyed. Their white and Yellow Eaton, Appleton and white Bonaffon were marvels of size and were heard from at the various fall exhibitions. Additional space will be devoted to them next year, when less attention will be paid to size and more to an extended variety of marketable sorts.

The roses are in a thrifty condition and not one house may be said to look com-

monplace. The stock is one and two years old, half and half. Mildew and greenfly are unheard of. Foreman Murphy, who is an eastern man, takes special pride in keeping the plants clean. All of the stock shows exceptional vitality and richness of foliage. American Beauty will be on in heavy crop in two weeks, just opportune for the holiday demands. Just now the crop is a little slow, but the plants are heavily budded. Most of this stock is one and two years old, the latter showing the better results. Liberty are in splendid condition. The plants were in the field all summer and the main crop is due in January. There are 15,000 plants and another season will see more, as Mr. Welland regards this variety as second only to American Beauty as a commercial sort. The Bride and Bridesmaid are noteworthy for size and length of stem.

Much might be said of the carnations as grown here. The leader in white is Boston Market, of which there are four houses. It is a great cropper and a steady cut and come again sort. Lawson are also in good shape. They have been cut hard recently and have had but little forcing so far. There is a fine sport of Lawson, with which the firm expects to do business in the near future. It resembles Mrs. M. A. Patten and shows a number of improvements over both varieties. There are also four distinct sports of Enchantress. One is a Scott pink and appears to be a more rapid cropper than Enchantress, making three crops to two for Enchantress under the same cultural treatment.

Six houses are given over to Lawson, three to Enchantress and three to White Cloud. These houses are heated by hot water exclusively, while the rose houses are equipped with both steam and hot water, ten Kroeschell boilers doing the work of the entire plant. Three new ranges are contemplated for next spring. The partners are P. J. Risch and J. P. Weiland. The downtown office and shipping department at 59 Wabash avenue is managed by the genial John Risch, one of the most popular gentlemen in the Chicago trade.

Peter Reinberg, Chicago.

One million feet of glass! This magnitude cannot be grasped until one has paid an actual visit to the place and indeed, it is beyond the scope of a few notes to convey an adequate impression of one of the largest flower growing establishments in the world. To visit Peter Reinberg at his Robey street greenhouses and to inspect the limitless areas of roses and carnations, means miles of walking and hours and hours of looking. To step into any one of the scores of houses embraced in the many ranges, means to see a field of high class blooms, be they carnations or roses of any of dozens of varieties. Any one house is a fair criterion of the balance of the plant. Approximately one third of the glass is devoted to carnations, which are now in splendid midwinter shape, although a little short in crop. Lawson is given an entire range exclusively. Among the leading varieties are Enchantress, Nelson, Estelle, Flora Hill, Queen Louise, Crusader and Flamingo. The whites especially show class of high order.

As in carnations the roses are not in such a heavy crop, but the quality is unsurpassed. The new Uncle John now numbers about 25,000 plants. It is taking a strong grip on public favor and promises soon to take its place as a staple. All of the tea stock and American Beauty look remarkably clean and thrifty, the latter this season showing up in unsurpassed form. There are five houses of Liberty and a house of Sunrise which will send out a heavy crop in a short time. The Liberty will just make Christmas, the plants being heavily budded. Bride, Bridesmaid and Golden Gate are coming in better form than ever and in the house devoted to new sorts are found Perle des Goddesberg, Seedling No. 51 and other promising comers. A thorough trial is being made of Breitmeyer's La Detroit, of which there are two benches. Chatenay is grown with better success here than probably any other place. Each season more and more space is surrendered to the variety and it is crowding the old favorites hard for position. It is one of the favorites with Mr. Reinberg and it is doing wonders.

The greenhouses are heated with steam and hot water, the latter assisting when things are in the grip of the ice king. Thirty-four boilers are operated, which last winter consumed 200 car loads of Pocahontas coal. Foreman Collins, who has been with Mr. Reinberg for many years, has things in tip-top shape for winter.

Sinner Brothers, Chicago.

Among the larger growers of the Flower Growers' Market Sinner Brothers occupy a prominent position. Their plant is located on Ridge avenue, Rose Hill, in close proximity to the greenhouses of

Peter Reinberg, George Reinberg, Wietor Brothers, etc. The establishment embraces fifteen houses, seven 30x175 and 30x200 feet, devoted to carnations, and eight devoted to roses, bulbous and miscellaneous stock. In all departments there is a glowing outlook for a good cut for Christmas. In carnations Lawson is the leader at this place, Mr. Sinner having more than ordinary success with this variety. Their Enchantress, Flamingo and Higinbotham are of consistent quality. One of the interesting things now to be seen at the greenhouses is a pure white seedling carnation which the firm expects to disseminate at some future time. It strongly resembles Lady Bountiful, is a free grower, good cropper, with heavy stock and large bloom. A house of White Cloud is notable for the heavy crops which it has been producing with practically no feeding whatever; 5,000 blooms



Ardisia Crenulata.

(A good plant for the holiday trade.)

were cut from this one house in one day recently. Next season the space devoted to Enchantress and Lawson will be increased. Flora Hill and America will be discarded. The rose houses are just now a grand sight. Besides the staple Bride and Bridesmaid, Liberty and Chatenay are grown with success. Next season Golden Gate and Ivory will be discarded and the space devoted to more American Beauty and Chatenay. Most of the tea stock is two years old. It is clean, thrifty and remarkably free from mildew or disease of any kind. The Bridesmaid, especially, will come in heavily for the holidays.

Several houses are devoted to bulbous stock. One house of calla lilies will insure a steady cut throughout the winter months, beginning with two weeks before Christmas. Roman hyacinths, narcissi and daffodils were never in better shape.

Chrysanthemums will be grown next season, and several new houses may be built to furnish additional space. Among the improvements contemplated for next spring are the remodeling of some of the

houses and placing five benches of pecky cypress to the house instead of four. The heating system will also be altered. One steam trap will be placed in each of the four different sections. Steam is used exclusively for heating. The coal-sheds are full to the brim with Pocahontas coal ready for the rigors of the winter.

The work at the greenhouses is supervised and managed by John Peter Sinner, one of the partners, and the foreman, Emil Kunze. The store in the Flower Growers' Market is managed by John Sinner. Both of the firm members are young men, full of enterprise and hustle. Through perseverance and the application of up-to-date methods they have built up a large business.

George Reinberg, Chicago.

The name of Reinberg is synonymous to flower growing on a large scale in this vicinity. George Reinberg's establishment, which is measured by nearly 500,000 feet of glass, is located not a great distance from his brother, Peter Reinberg's houses, on Balmoral avenue, Rose Hill. The plant is growing rapidly, each season seeing at least a range of modern houses added. This summer a range of eleven new houses was put up, all the space being devoted to carnations.

There are four houses of Lawson, each 28x260 feet, which could not easily be surpassed. In white, White Cloud and Flora Hill are doing wonders here and are now in splendid crop. Christmas will see heavy cuts on in nearly all lines. The roses are without exception in surpassing shape, the American Beauty looking especially thrifty. The teas show a healthy vitality and are well bedded up to come in strong in a few weeks. Bride and Bridesmaid are now being cut quite heavily.

The houses are all of modern construction, iron gutters and Evans ventilation system. The coal sheds have all the appearance of being ready for a trying season. The office and salesroom, at 51 Wabash avenue, are in charge of O. W. Frese and Joseph Foerester, bookkeeper.

Robert Craig & Son, Philadelphia.

The establishment of Robert Craig & Son is full of interest at the present time to the visitor who has thoughts of the Christmas holiday season. Among the plants to be seen is *Pandanus speciosa*, not new by any means, but nowadays rather scarce. *Dracæna amabilis* is to be seen in quantity on the benches and looks very fine. In one or two of the houses preparation for Christmas is seen in the potting, or rather panning, of poinsettias, small in stature, with small ferns for a base. Anything more striking for house use would be hard to imagine—that is, after seeing the effect of this arrangement. In another house are a lot of bougainvilleas in 6-inch pots. The plants are fully flowered, compact and globular, rather unique for the season. There is a large house of azaleas set apart for Christmas trade, some 1,500 plants looking to be in the pink of condition. Perhaps the most interesting of the houses just now are the two devoted to cyclamens. These are in their glory, and a visitor is loath to depart when reminded that there are other houses to go through. The new carnation houses are looking fine. Harlowarden is evidently a favorite here. Flamingo is looking rather better than elsewhere in this section, and on the whole little fault is to be found with it.

It is a case of a good thing pushed along. Nelson, Prosperity and Enchantress are all in excellent shape in the benches. Adonis is looking well, as it always does at Craig's. Among the fern houses is one of *Adiantum hybridum*, which is liberal in its prospect for cutting. This variety does very well here, and a close tab is kept on newer varieties whose merits are not so well known.

Chas. Zeller & Son, Flatbush, N. Y.

A visit to the two establishments in Flatbush of Chas. Zeller & Son is always interesting. Few growers have such a variety of stock as is to be found here, and when, in the trade, there is a demand for anything uncommon, the answer to the question "Where can I get it?" is usually "Have you tried Zeller?" There are seven greenhouses at the Lefferto street establishment. Of these one is stocked with azaleas for Easter flowering, and another is about fully occupied by primroses. In the other houses are to be found cyclamens, poinsettias, pandanuses, dracaenas, bouvardias and other stock too numerous to mention. Something of a specialty is made of ardisias, which are here grown from seed. A batch of 4,000 sturdy seedlings are prominent in one of the houses. At the Clarkson street plant there are fifteen houses. Of these one is given over to cyclamens, and a larger one is stocked with oranges. The other houses are used for palms, ferns, blooming plants, and miscellaneous stock.

It is as orange growers that this firm is best known, and its trade in these plants extends far and wide. The orange house just now looks particularly fine, the plants being well fruited and in prime condition for the approaching holiday trade. Alfred Zeller takes particular pride in this specialty. He says:

"The growing of orange plants and their successful fruiting requires considerable care and attention, and when this is given good results are nearly always attained. We plant out in the open young stock about April or May, and grow it on for two or three seasons, bringing it in, of course, every fall. In the house a temperature of from 58° to 65° is maintained. We find it advisable to let the plants come right into flower as early as possible so that the fruit will set well for fall. If they flower too late the fruit does not mature in time for the Christmas trade. A good deal of care must be exercised in the watering of the trees. It should not be carried to excess nor should the trees be kept too dry. We avoid syringing as much as possible when in flower. They come into such an abundance of flower that too much water seems to rot them. We keep a stock of trees for bloom cutting and find a good demand for the cut flowers during wedding seasons. You cannot force the trees into bloom, they must come in naturally." See illustration, next page.

H. F. Littlefield, Worcester, Mass.

The steady and rapid growth and upbuilding of the business of H. F. Littlefield, of this city, is worthy of special mention. It is only about five years since he opened his retail establishment at 552 Main street; yet at the present time he is enjoying a trade second to none in his line in this section. Mr. Littlefield is familiar with every branch of the business, having formerly been connected with the wholesale trade in this line.



THE NEW RED ROSE RICHMOND.
(Originated by the E. G. Hill Company, Richmond, Ind.)

About ten years ago he built his first greenhouse near Lake Quinsigamond; to-day he has eight large houses, and contemplates building another large one early in the coming year.

There are three houses, 60x130 feet—one 30x130 feet, one 20x50 feet, one 75x30 feet, and other smaller houses, all covering over 30,000 square feet of ground. These houses are used for growing carnations of all varieties, chrysanthemums, palms, ferns, bulbous stock, etc. Everything is kept in the best of order, cleanliness and neatness being the first consideration.

Soon after opening his retail store, which, by the way, is one of the largest and best appointed of its kind in New England—he secured the services of Harry Randall, who had been in the employ of one of the prominent florists of this city for over eleven years.

Alfred J. Maher, who was formerly with the Boston store in this city and had charge of the conservatory, is also employed by Mr. Littlefield and is well versed in all matters pertaining to the business.

RIVERSIDE, CAL.—The Pacific Electric Railway has just finished planting a poppy field sixteen feet wide along its tracks for a distance of about two miles between Monrovia and Alhambra junctions. When the poppies begin to bloom after the first spring rains they will be widely advertised.

New Rose Richmond.

The new rose, Richmond, illustrated herewith, is a new red seedling of Liberty and Lady Battersea, raised by the E. G. Hill Company, of Richmond, Ind. We are indebted to E. H. Hill for the following particulars with reference to this handsome new variety:

"A seedling seldom shows its character before the second or even the third year, but from the first Richmond has produced bloom in wonderful profusion, and this is still its leading characteristic. In addition it is a strong, free grower with dark foliage, throwing up long stems bearing pointed buds which can be cut and shipped very tight, opening well on arrival, like American Beauty. Richmond has never shown the least tendency to go dormant like Liberty, but is constant as Bride or Bridesmaid, likes the same soil and temperature and roots and grafts quite as readily. The color is scarlet crimson, lighter than Liberty, and it does not grow darker with age. The blooms are as fragrant as those of any June rose, with a splendid texture, making them very durable in handling or in keeping."

DUBUQUE, IA.—Four houses of Harkett's Floral Nursery have been rebuilt and enlarged, and one new house added. The old houses were twenty-five years old. Last year a like number were rebuilt.

MARKET GARDENS.

Asparagus Freshened in Water.

A warm discussion has been going on for many years in Germany as to whether purchasers suffer from the dealers' practice of submerging asparagus in water to prevent its withering or hardening. The plea of the dealers has been that soaking asparagus in water merely keeps it fresh in appearance without either lessening its alimentary value or increasing its weight.

In order to put an end to this discussion the Gardeners' Union determined to submit the question to the experts of the Experimental Institute at Geisenheim on the Rhine. According to the *Frankfurter Zeitung* Doctors Windisch and Schmidt have completed the experiments with surprising results. It has been ascertained that the absorption of water by submerged asparagus is not inconsiderable, the weight being increased about ten per cent in two days. Moreover it loses some of its nutritious components, especially those containing nitrogen and mineral matter.

The results of experiments with asparagus whose cut surfaces had been coated with paraffin were exceedingly interesting. Contrary to expectations it was found that asparagus thus treated absorbed considerably more water and lost much less of its alimentary value than that which was placed in water without first being coated with paraffin where it had been cut.

Thus it has at last been authoritatively established that the practice of keeping asparagus fresh by placing it in water not only lessens its value as food but also defrauds the purchaser by increasing its weight. **GEORGE H. MURPHY.**

Frankfort, Germany.

Muskmelons Under Glass.

ED. AM. FLORIST:—I wish to know how to grow Golden Queen muskmelons under glass, to be marketable about July 1.

R. L.

Two methods of growing muskmelons in the spring are practicable, the one in a greenhouse such as would be suitable for cucumbers or tomatoes, and the other method the hotbed. To have muskmelons ready for market by July 1 it will be necessary to sow the seed not later than the first of April. This is the season when many market gardeners grow cucumbers which are often so profitable, and the requirements of muskmelons are in many respects identical with that of the cucumber. The seed of muskmelons are best sown singly in small pots and from the moment of their appearance a constant vigilance will be necessary that they receive no check, which may be caused by low temperature, aphid or mildew. The night temperature should be 60° or 65° with a corresponding rise by day. The lengthening days with the growing strength of the sun at that season of the year aid very materially in their management, but the cold spells and dull days sandwiched in so frequently, unless the grower is ever watchful, will cause many of the troubles to which they are heir. Careful growers are ever on the alert for such occasions, having material convenient for firing up and the house not overcharged with moisture or the plants heavily watered. It is desirable that the plants should have bottom heat which is usually afforded when grown on benches.

The soil should be new and good and a liberal proportion of well rotted manure added, avoiding always that which is fresh. The soil should be placed in mounds about two or three feet apart; when the plants have reached the desired strength one plant to each mound of earth should be carefully planted. As the plants grow and extend their rooting system more soil is added and thus the vigor is maintained. Some form of trellis must be provided for training the plants on, and in order to get a number of lateral growths the leader should be pinched in good season and all weaker growths removed. Hand pollination of the flowers will be necessary and the second node above the setting of fruit should be pinched. It is necessary that all fruits should be nearly the same size on each vine. An early set fruit will rob the remainder of nourishment and materially affect the results. The fruit must also be supported; hand made slings attached to the trellis will serve the purpose. As the season of ripening approaches a drier condition in the house must be maintained and great care that the plants do not get overwatered.

We have had good results growing muskmelons in hotbeds at that season of the year. About two feet of hotbed material will be needed, making a mound of earth under the middle of each sash for planting. No difficulty will be found in maintaining the desired night temperature if the heat is husbanded by early closing and the plants are easily managed in other respects. We are not familiar with the variety Golden Queen, but considering the season of year there ought to be no difficulty in growing it. Our experience has been with Paul Rose, Emerald Gem and the English forcing varieties. At the early stages, more particularly, close attention will be required but watchfulness throughout is necessary for success. **FRANCIS CANNING.**

Tarrytown Horticultural Society.

The regular monthly meeting of the Tarrytown Horticultural Society was held in the Vanderbilt building, Tuesday evening, November 29. J. Woodcock and G. Presenius were duly elected active

members of the society. Nominations for active membership were: A. A. Petit, Noroton, Conn.; A. Collins, Noroton, Conn., and J. Brungess, Irvington.

H. Nicholls, Yonkers, offered a prize of a beautiful silver match box for a display of carnations, but there being none exhibited it was awarded to John Featherstone, gardener to Samuel Untermeyer, Yonkers, for Begonia Gloire de Lorraine. Mr. Featherstone was also awarded a certificate of merit for two very fine specimens of seedling begonias, Ensign and Winter Cheer. The F. R. Pierson Company was awarded honorable mention for Lorraine begonia. The T. A. Lee prize was awarded to L. A. Martin, gardener to C. H. Matheison, Irvington, for selling the greatest number of tickets for the November exhibition, he having sold sixty-one.

The secretary was instructed to send a letter of condolence expressing the sympathy of the members of the society to George Middleton on the sad loss of his brother, and also to D. G. Reid, Irvington, who is a life member, on the sad loss of his wife, who passed away Tuesday morning. **T. A. LEE.**

British Trade Topics.

After a very unfavorable year in 1903, this season the chrysanthemum growers have been able to make splendid displays. The November show of the National Chrysanthemum Society was the largest ever held, while the quality was of a very high standard. The cult of the "autumn rose" in Great Britain increases in popularity. This is evidenced by the fact that those of our leading raisers have considerably extended their nurseries. The constant introduction of new varieties tends to increase the interest in this branch of horticulture. Outside the United Kingdom these are continuously being sent out from France by M. Calvat, who often has thirty new comers in one season, as well as from Brunning & Sons and J. W. Pockett, of Australia. The American raisers are still somewhat behind in this matter, for it is very rarely one notices a new introduction from the United States on the trade stands. Of course we are reminded of the past achievements in this branch by such



HOUSE OF ORANGES AT CHAS. ZELLER & SONS', FLATBUSH, NEW YORK.

varieties as W. H. Lincoln, Niveus and Western King, which are in vogue still amongst market florists. As regards show purposes it can not be said that there are any American exhibition Japanese which are to the fore on the leading growers' stands. W. J. Godfrey, of Exmouth, Devon, who introduced Our Mutual Friend, has some promising late decorative varieties from America which he is bringing out later on. Mr. Godfrey



Miss Alta Belle Getz.

has also done a great deal in popularizing American carnations in this country. At his stand at the recent show at the Crystal Palace he had the largest number of new seedlings, and these received certificates. They were: W. A. Etherington, pink Japanese; G. F. Evans, large yellow tinted incurved; Embleme Poitevine, yellow incurved, similar to C. H. Curtis; Buttercup, rich yellow Japanese incurved. J. H. Thompson, of Brimsdown Nurseries, Enfield Highway, showed a new market variety, Kathleen Thompson, which has already been certificated by the society. This is a sport from Caprice du Printemps, the blooms being of a chestnut red with florets tipped and margined with yellow. The national society is holding an exhibition of market varieties of chrysanthemums in London on December 15. This is a new departure, and is likely to prove of great advantage to the trade.

I recently visited the extensive nurseries of Cragg, Harrison & Cragg, of Heston, Middlesex, who are amongst the leading chrysanthemum growers for market. They cultivate 150,000 plants, representing some 200 varieties. The plants were in a robust and vigorous condition, great care being exercised in spraying and securing healthy conditions in the houses. A large area set apart outdoors for the plants is enclosed with canvas and portable lights are used. In the lights I noticed that instead of glass oiled paper is utilized, and this I found has answered satisfactorily. A steam engine is used to supply artificial heat.

Mr. Godfrey, to whom I have already referred, has had a curious experience with a chrysanthemum sport. After describing in his catalogue a new variety named Lady Cranston, a sport from the popular Mrs. Barkley, he has had to announce: "To my great regret and dis-

appointment her ladyship has played us false, and after being grown for two seasons has resumed the garb of Mrs. Barkley. The whole stock, I fear, has reverted, and all growers will be much disappointed." As a remarkable instance of how the same sport will occur in totally different conditions as to climate, a case occurred at the Royal Horticultural Society in which a grower near London showed the same sport as a nurseryman from Guernsey. The first-named was the earliest in the field, so that the name given by the Guernsey grower had to be changed to that in which it was originally registered.

As regards the trade in this country, matters are still quiet. The business on the flower market at Covent Garden has been very flat all the year, owing to the scarcity of money and the apparent necessity for people to cut down their expenses. At present the market is flooded with chrysanthemums, many of which are sacrificed at a low price. The French flower season has commenced, but the quality of some of the consignments has been very poor.

Ladies of the Trade.

MISS ALTA BELLE GETZ, CLEVELAND.

Miss Alta Belle Getz, of the firm of Westman & Getz, Euclid avenue, Cleveland, O., is one of the leading lady florists of the city. When the Misses Westman and Getz first started, several years ago, competition was very keen on the avenue, but they soon demonstrated their ability to overcome obstacles and now enjoy a large and ever increasing trade. Miss Getz's artistic table decorations are the admiration of all who have the good luck to see them. She is also widely known as an exceptionally clever photographer.

Mistake In Rose Culture.

ED. AM. FLORIST:—Where have I made a mistake with my roses? I have two houses 18x80 and planted them with two-year-old plants. In June they started out fine and grew during the summer well. In September we had a great deal of wind and chilly weather and the roses began to mildew. I thought I was growing them too tender and gave plenty of ventilation. When they were twelve to eighteen inches high they were still mildewed, a few buds dried off and those that bloomed were small and inferior. In October I began keeping the houses closed entirely and the American Beauty and Perle have started off well, but the Bride and Bridesmaid seem to have suffered more and have made very little growth.

The mistake "R. S." has made was in the first place growing them too tender. They should have all the air possible during the summer and early fall, and as soon as the nights get a little chilly a very little fire heat, but at the same time a little ventilation, should be left on all night. This keeps the plants in a sturdy, healthy condition and prevents a check in their growth. Had "R. S." done this he would not have had a bad lot of mildew to contend with, which is the cause of the Bride and Bridesmaid doing so poorly, but he is making another bad mistake by keeping the houses closed entirely. Extremes in any manner of treatment are certainly not beneficial to roses or any other plants grown under glass. To keep plants healthy and vigorous it is just as essential to give them all

the fresh, pure air possible, as fresh air is to animals. In this case, as in many similar ones, the application of a little more judgment would remedy the trouble better than medicine. If "R. S." wishes to get his roses back into a healthy condition it would be better to try and maintain as nearly as possible an even night temperature for Bride and Bridesmaid of 56°, and on cloudy days 60°. With bright sun and a fair amount of ventilation the temperature can be allowed to run up to 75° during the middle of the day, but avoid admitting cold currents of air at any time. In addition to this give careful attention to watering, when necessary syringing on bright, clear mornings, but so as to allow all surplus moisture to get dried off before night. Keep a little sulphur on the heating pipes to clean out the mildew, and if the roots are healthy they will soon be bearing nice flowers again.

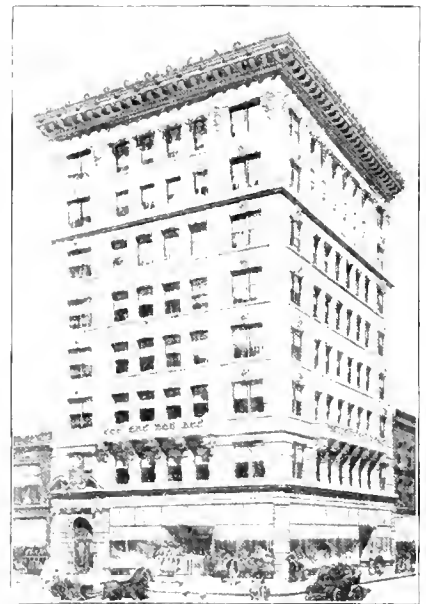
JOHN N. MAY.

HANOVER, MASS.—Stanley Baker, formerly with Phillips, Bates & Company, has purchased the florists' business owned by George F. Sylvester.

MORRIS, ILL.—Simmon & Larson will open a retail florists' store in the Robinson building. Both gentlemen have had experience in the Chicago trade.

PEORIA, ILL.—J. C. Murray's health is improving. He is now able to drive out. Nels Cole is pushing Christmas stock along with a watchful eye.

ASBURY PARK, N. J.—Mayor Ten Broeck is personally supervising the erection of the city's new greenhouse on Langford street, between First and Second avenues. The house will be 70 feet long.



Proposed Breitmeyer Building, Detroit, Mich.

Sensible Gifts.

A year's subscription to the AMERICAN FLORIST will make an appropriate and useful gift for trade employes, sent to their home addresses. In many ways it will be a good investment. Send up their names and addresses now, enclosing \$1 for each subscription, and we will start with this Christmas number and continue sending the paper every week of 1905.

THE RETAIL TRADE

At a recent exhibition in Edinburgh, Scotland, a bridal bouquet of pancratiums, odontoglossums and lily of the valley is said to have been unusually effective.

The George Witthold Company, Chicago, is mailing retail customers a neat colored circular, showing an attractive arrangement of foliage plants in birch bark log.

The insurance people of many large cities, among them Louisville, Cincinnati, Kansas City and others, have notified department stores and others that elaborate decorations of wreathing and even holly will not be permitted in such establishments on account of danger of fire.

A Christmas Wreath.

The wreath shown in the accompanying illustration is very effective and appropriate in holiday decorations. It is composed of boxwood and winterberry, with holly at the base and Norway spruce cones in the center tied with 5-inch red satin ribbons. George H. Cooke, of Washington, D. C., is the designer.

Combination Tag and Envelope.

The illustration herewith shows a combination tag and envelope, which is found very useful at holiday time. Those customers who wish to have flowers and plants delivered not infrequently send a card or a note with the package, and it often happens that these notes or cards are either lost or go so the wrong destination. In taking the order with this combination tag and envelope at hand the danger of such accidents is minimized, as the tag is written when the order is booked and the card or note enclosed, the envelope sealed and attached to the order. The tag, with the card or note enclosed, is then attached to the package when it is ready, and delivery follows with a sense of security not otherwise obtainable.

Washington Stores.

Washington retail stores are making preparations for Christmas. Fine Begonia Gloire de Lorraine and Primula floribunda are the features of J. H. Small & Sons' show window at present. Inside I noticed a great bunch of Tom Field roses mixed with white chrysanthemums and the effect was most pleasing.

J. R. Freeman, in decorating for Christmas, has red and white bells, large and small bells and wreaths in profusion. His Harrisii lilies and poinsettias in pots make a pleasing effect.

A. Gude & Brother have one window in which American Beauty roses are most prominent. The other is brightened up with tall poinsettias and late chrysanthemums.

Blackstone has great baskets of chrysanthemums and smaller baskets of mixed orchids, valley, violets and pansies. This is one store that always has a good window.

The American Rose Company has an immense pot of Asparagus Sprengeri in its window, and a tasteful arrangement of cut flowers among the sprays.

F. H. Kramer's feature is a neat display of miniature colored electric lights, with American Beauty and other roses.

Loose is still strong on the chrysanthemum, and he has a good showing of azaleas, peppers and primroses.

Shaffer has fine American Beauty roses, and is carrying a fine stock of the best of other varieties.

Cooke features baskets of mixed orchids and Begonia Gloire de Lorraine.

Robertson shows well flowered azaleas and bunches of poinsettias.

Phister has mixed orchids with Adiantum Farleyense.

New York.

There has been a slower tone in the cut flower market during the past week, which was naturally expected as following on the holiday trade. Last Saturday things moved more briskly and there was a real activity for a time. On Monday the opening was normal and a heavy fall of snow during the afternoon had the effect of curtailing the transient trade of that evening in the retail stores. This, however, had practically no effect on the wholesale market, and on Tuesday the trade done was at regular prices. Some arrivals were late that day, and as a whole the arrivals were less than usual, although some of the largest shipments came in on the usual time. There were fewer buyers, it is true, but the smaller quantities of stock balanced that condition and there were no decided fluctuations in values. Carnations are in increasing demand and sell well, especially Enchantress, for which variety there is a steady market, and it goes easily at 5 cents. In a few cases a cent more is had, and some very extra blooms have sold at advances over that figure even. Other kinds move along in a normal way and there is always plenty to be had in all colors. Roses show a tendency to do better things and with improvement in quality, which continues, are looked at more kindly. Up to the present, however, the market has no change to be recorded. Long-stemmed American Beauty are more plenty and do not hang in the sales. Red colors are strengthening in all lines in fact, which is an indication that the Christmas feeling is abroad. Lighter colored flowers are in lesser demand. Paper White narcissi and white Roman hyacinths are plentiful, but do not move rapidly. There is a certain demand for gardenias, but no inclination to advance the price for them, even when there are few to be found. The demand appears to be strictly limited to a certain quantity. Violets have been received in large quantities and their market has weakened. In the early part of this week there was a larger arrival of cattleyas; other orchids do not appear much, and the demand for the cattleyas is soon supplied. A few chrysanthemums continue, and may be looked

for indeed up to Christmas. Those now coming in are small and sell slowly. A southern grower has been sending in large quantities of hardy pompon varieties in bunches which went well at the first, but this week there was absolutely no buyer for them at any price; the season for that kind of flower is passed.

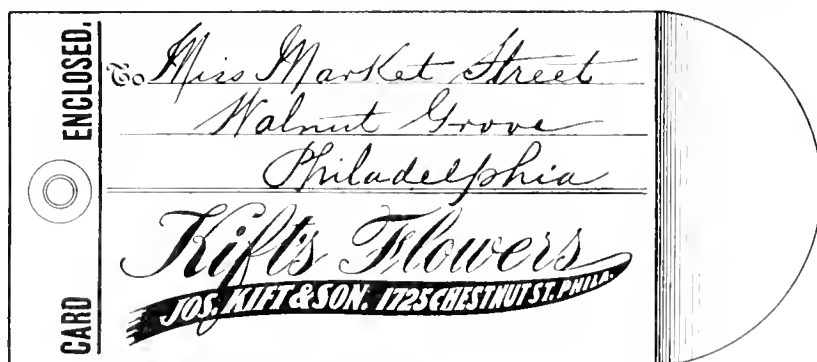
The December meeting of the horticultural society takes place on Wednesday, December 14, at the American Institute rooms, and will be devoted to a discussion of the recent progress that has been made in adding to the fertility of the soil by inoculation with bacteria. Dr. George T. Moore, of the Department of Agriculture, will be the chief speaker. He has given much attention to this subject from the practical standpoint, and will tell about the actual results under cultivation. There may be great possibilities in the practice to progressive growers, even under greenhouse culture. Professor W. G. Johnson, of the American Agriculturist, is also expected to speak on the results as he has seen them on the farms of the country. The usual council dinner will take place at six o'clock that same day. The meeting is called at 8 o'clock.

Jacob Hauck, of Orange, N. J., inadvertently noted last week as of Secaucus, N. J., will build his new range of houses at Bloomfield, N. J. At his present place he has a lot of unusually fine poinsettias for the holiday trade. As a grower of chrysanthemums he is getting to be quite celebrated. His Enguehard, Jones and Chadwick seen in the market lately brought outside prices. He expects to introduce a new pink chrysanthemum next season, and from the blooms seen it is not hard to predict success for it.

Among the concerns recently granted certificates of incorporation in New Jersey is the Henshaw Brothers' Company, florists, with office located in Springfield, N. J. The scheduled object of the company is to propagate, buy and sell at wholesale and retail, flowers, plants, bulbs, seeds, etc. The authorized capital stock of the company is \$200,000, divided into 2,000 shares, par value \$100 each. The incorporators are Archibald M. Henshaw and Minnie Henshaw, both of Springfield.

The New York Cut Flower Exchange now has its new icebox in service. It is not, however, being used to any extent, owing to the terms of use not being exactly to the growers' liking. Conditions are likely to be adjusted in a few days and the box will be quite a feature in the enterprise. Phil. Kessler, the Exchange's manager, is to have charge of it, and will look after the sale of growers' left over stock, and its proper storage in the meantime.

The prospects are for a good trade in plants Christmas. Some of the large



COMBINATION TAG AND ENVELOPE.

growers are sold out of the larger lines and cannot accept any more orders. The stock seen is generally high grade and if the demand is anything like what is expected there will be pleasure all around.

Pankok & Schumacher, of Whitestone, L. I., growers of palms, ferns, and decorative plants have bought the large plot of ground opposite their greenhouses, and will use it next season for the cultivation of dahlias, heaths and other stock.

Harry Busby, for many years employed around the florists' establishments of Woodside, L. I., and lately with D. Creedon, of that place, died on Saturday, his death being due to a kick from a horse.

J. W. Johnson has been engaged as gardener for Willis T. Hanson, at Schenectady, N. Y., where a new range of glass has recently been erected by the Pierson-Sefton Company.

The auction sales have been poorly attended during this week and imported stock has moved slowly. There has been a better result in such greenhouse plants as were offered.

Fred Smith, of the Hyatt establishment, Winfield, L. I., was a victim of a sneak thief on Thanksgiving eve. His home was invaded and \$50 in cash carried off.

Traendly & Schenck are daily receiving shipments of orchids, cattleya *Percivaliana*, which present a very fine appearance.

John Scott, of Brooklyn, is installing at his Keap street establishment a new Pierson-Sefton boiler of large size.

A. Emerich, of Vilmorin-Andrieux & Company, sailed from here for home December 1.

Louis Dupuy is cutting fine white lilacs.

Visitor: Alex. Montgomery, Natick, Mass.

Chicago.

With the rapid approach of the holiday season indications are growing brighter and brighter for an excellent trade. Some express a fear that stock, especially in roses and carnations, may run somewhat short, but this belief is not common with all the growers. Stock has been in fairly good supply, with a demand sufficient to keep down the daily receipts nicely. American Beauty and the teas have been coming in in grand quality, and the demand for the higher grades in roses has been steadily increasing. American Beauty is now quoted in the Christmas price lists at \$12 down. Carnations are coming in somewhat more freely than for some time and most growers say that their cuts will come in time for the holidays. Bulbous stock has been selling slightly better than last week, but there remains too much stock for comfort. The Christmas rush in greens, holly and wreathing has commenced, and this department has a healthy tone, good prices being realized.

H. N. Bruns' valley growing establishment, on West Madison street, is worthy of a visit at this season. He devotes three houses exclusively to his specialty, forcing over a million pips every season. His plant is heated by hot water, and a steady temperature of 65° is maintained. He is getting in shape 30,000 blooms for Christmas, and they will come to perfection just in time. Mr. Bruns says there was a noticeable increase in the demand for storage pips this year over last. All of his new importations came through in superior condition, and much of his new stock is now ready. Besides valley he devotes two small houses and a show-house to the growing of miscellaneous



A CHRISTMAS WREATH.

stock, which is taken care of by the retail end of his business.

The Grand Rapids Florists' Association is the name of a new organization formed by the trade of the Michigan city to market their product in Chicago. Crabb & Hunter have given up their stand at the Flower Growers' Market and joined the other parties to the venture, ten in number. Clarence R. Hills and Eli Cross are prime movers in the formation of the association, which has taken Mrs. Moore's three marketstands. Mrs. Jamison, who cared for Crabb & Hunter's stand, is in charge.

Gustave Adolphson, for eight years foreman at the George Wittbold Company's greenhouses on Buckingham Place, committed suicide last Saturday morning by shooting himself. The man committed the act in the basement under the front office. He was aged 39 years and leaves a wife and child. Brooding over continued illness is the only cause assigned for the deed.

Deamud is making such a push on wild smilax that some news (?) gatherers think it necessary to go out of their way to say "it is not in the hands of any one wholesaler by any means." Moral: Advertising, well written and rightly

placed in the AMERICAN FLORIST, secures publicity that needs no explanation in its reading columns to make plain who has the goods.

At Vaughan's Greenhouses there has been big business for some time past in holiday plants, including azaleas, Begonia Gloire de Lorraine, oranges, Buttercup primroses, poinsettias, peppers, Cibotium Schiedeii, etc. The new Pierson and Scott ferns were also to be seen at this establishment and Mr. Wilson says they go "like hot cakes."

The Florists' Club held a short meeting Tuesday evening at Benthey-Coatsworth Company's office. Prof. A. S. Beal, of the State Agricultural College, was present and talked of the plans of that institution on experimental work along florists' lines. The club will co-operate in the work and an appropriation will be secured from the state.

The executive committee of the World's Fair Flower Show Association extended a vote of thanks to H. C. Bell, manager of the Chicago office of the Indurated Fiber Company, for the free use of a large number of the company's vases at St. Louis. But few vases were needed besides these and Mr. Cowee's.

Treasurer Rudd and Auditor Deamud

have been busy this week with World's Fair flower show accounts. Checks have been mailed for accounts, and for premiums; refunds of assessments and dividends will come soon.

Christmas greens in lycopodium and holly are in good demand. The former is worth from \$5 to \$6 per 100 pounds and holly about the usual rates but with no really fancy stock in sight.

Fleischman recently sent to a funeral in Richmond, Ind., a magnificent orchid wreath, made with the foliage of crotons and orchid blooms in several varieties. A special representative was sent with the wreath.

N. C. Moore & Company have changed the location of their stand in the Flower Growers' Market to a better place in the front of the building. They report a steadily increasing business.

The Ficus Club, of Vaughan's Seed Store, announces an informal reception, Tuesday evening, January 10, at the Van Buren Opera house, Madison street and California avenue.

John Peter Sinner, of Sinner Brothers, has been absent for a week from the greenhouses, doing jury duty. This is the longest vacation he has enjoyed (?) for several years.

Charles McKellar is being rushed with holiday orders for novelties, holly, green, wreathing, etc. A twig basket is one of the meritorious novelties handled at his place.

Peter Reinberg and John Muno have returned from a hunting trip of a week in the wilds of central Illinois. Mr. Reinberg brought home sixty-seven quail.

A. L. Randall Company will take care of a large share of the holiday business. The stock received from their consignors shows splendid midwinter quality.

J. A. Budlong is expecting one of the best holiday seasons in years. The rose stock being cut at his place now is worthy of more than passing interest.

George Wienhoeber, of Ernst Wienhoeber & Company, has left the city for a two months' vacation made necessary by a stomach complaint.

The George Witthold Company at the three stores in this city and Evanston, is preparing for the heaviest holiday trade in years.

Joe Curran has closed his Michigan avenue store and will become the manager of Friedman's Thirty-fifth street branch.

George Reinberg's roses are coming in in good form and his Christmas orders will take care of all the stock that can be cut.

Albert Kroeschell, one of the firm members of Kroeschell Brothers' Company, greenhouse boilers, died on November 24.

Bridesmaid is cut by Weiland & Risch are of the highest grade. They are looking forward to a heavy holiday business.

Peter Reinberg has been sending in some extra select Liberty roses, the price running as high as \$2 per dozen.

Manager Hartshorne, of the Chicago Carnation Company, made a business trip to Cincinnati this week.

Wietor Brothers will have chrysanthemums for the holidays, which for the season will be good grade.

E. F. Winterson Company is handling an improved Christmas bell.

Henry Hansen, of Rose Hill, has four children ill of scarlet fever.

Visitors: Adam Currie, of Milwaukee, returning from St. Louis; W. S. Rennison, Sioux City, Iowa.

Philadelphia.

Business for the season has been fully up to the standard of the years gone before, perhaps a trifle better. All good stock moves lively at prices which are increasing rapidly, caused not by any larger demand, but just so that when the final grand distribution is made at the best prices of the year the difference will not be so noticeable. Monday mornings seem to be the time for advances. Last Monday American Beauty roses jumped from 50 cents to \$1 per dozen and teas from \$2 to \$4 per 100. Carnations also moved up about twenty-five per cent. Violets, after their burst of speed at Thanksgiving, have fallen back a trifle.

Special Liberty roses are now excellent, the color being exceptionally fine. With the exception of the new white, Dorothy Faust, chrysanthemums are over. The season has been a good one for the growers, as prices have been satisfactory, and at no time was the market heavily overstocked. Dorothy Faust looks good for Christmas if the demand does not use it up before then. The stores are beginning to take on their Christmas garb. Bells, wreaths, holly and other holiday trimmings are seen on every hand.

At the December meeting of the Florists' Club E. G. Hill exhibited Richmond. When the box was opened and the roses set up they created quite a sensation. All agreed that Mr. Hill certainly had a fine rose, half as large again as Liberty and a shade lighter, giving it a brighter appearance. It is also very fragrant and is a great rose from every point of view. There was considerable discussion about roses and business ways of handling them. George Watson told of a disgruntled grower who believed the fakirs or street men sold too many of his flowers and who thought they should be done away with. Mr. Battles thought they did a good missionary work, as often flowers purchased cheaply from them were possibly the first purchase ever made and led to a love for flowers which made a good customer. Mr. Dorrance, of Wilkesbarre, said the fakir was the salvation of the wholesale men of New York, as they bought flowers in immense quantities at low prices, regraded them and shipped them out of town wherever they could get a market. Mr. Hill also spoke of a similar exchange in Chicago, which seemed to be able to handle all the surplus of the wholesale houses and sold it to street men, principally in large cities adjacent to Chicago. Mr. Hill also spoke of the Dwarf Crimson Rambler as a possible plant for Christmas, as he had them now covered with flowers. He said that it was likely a Japanese importation, although it had been sent out from France.

The greenhouses of Godfrey Aschmann, Ontario street, Philadelphia, are of interest to the plant enthusiast just now. Mr. Aschmann is prepared for a good Christmas trade, although it must be said that his preparations in the main are for Easter business. He is particularly strong on azaleas and has about 500 plants well advanced for the holiday season. He has coming along about 6,000 lilies and 1,500 spiraea. His araucarias, of which he has generally a good stock, have dwindled down to a few benches, but the stock is remarkably good. During the summer and fall Mr. Aschmann has done some rebuilding, three houses being now spick and span new, with another house, an entirely new addition, 20x65, utilized for azaleas. Ficus elastica is looking good at this establishment, and there should be no trouble in moving it. The growth

of Mr. Aschmann's business is something remarkable and due mainly to his persistent advertising. He is now shipping to practically every state in the union and Canada, and he points with pride to his various orders from long distance points, and shows a letter recently received from an Arkansas customer, in which he says: "It is a pleasure to open a crate and find the stock sent in such good condition."

E. G. Hill was in town with flowers of his new dark red rose Richmond. It received commendation from all who saw it. The general opinion seemed to be that it was the equal if not the superior of Liberty. The variety, Mr. Hill said, is a much better grower than Liberty and will produce more flowers than Bride or Bridesmaid. It is a seedling of his own, the parent plant being the tea rose Lady Battersea, with the pollen from Liberty. It is now three years old and seems to get better each year. Mr. Hill is certainly to be congratulated on this fine acquisition. He has worked hard for it, however, as it is the only real good variety that has developed from among the thousands he has raised and flowered.

Charles F. Edgar, formerly of C. F. Edgar & Company, has associated himself with the wholesale and commission firm of Berger Brothers, and will in future be the manager of the firm. Charlie is such a lover of flowers that even the incumbency of a snug political appointment could not anchor him, and he returns to his proper sphere. Berger Brothers are receiving daily some fine hardy ferns hard to duplicate. For the time the firm has been in business they have accomplished much, and the small area of their quarters is a sore grievance. Expansion is a problem with them just now.

R. C. Hayden, secretary and treasurer of the Philadelphia Cut Flower Company, has been on the shelf for over two weeks on account of sickness. Extra cares, therefore, have devolved upon Manager Wm. J. Muth in the conduct of the business. The company has been receiving some very choice shipments in the way of roses, and has been able to clear its benches very early in the day in consequence.

M. Rice & Company say that this year's business is far ahead of any previous season. They are having a greater demand for Christmas goods than ever before. Mr. Rice has been spending a few days recuperating at Atlantic City, constant application to business having told on him.

Bayersdorfer & Company say they never had such a rush with some of their goods. Red wreaths particularly are oversold, and although they have extra large importations, both this week and last, they will be compelled to cut some their orders down.

The Leo Niessen Company is working up a great shipping trade, their out of town business being steadily on the increase. Mr. Niessen says they will have a great stock for Christmas.

Report of the assigned estate of Robert Craig for October and November business is not as favorable as the former one, showing a loss in operating for this quarter.

The opening of congress at Washington caused a great movement in that direction, and all the good stock that could be spared was sent to the capital at top prices.

Holly, according to advance agents, promises to be poor this season, having not set berries very well. The heavy fall of snow may also hinder the gatharing.

All the wholesale departments of the business are pushed to the utmost to get their orders out. This is particularly true of the florists' supply men.

Robert Stewart, of Thirteenth street, has a bell of his own manufacture made of chenille, which is as pretty as any of them.

The Wholesale Cut Flower Company is handling large quantities of cut box and lycopodium. K.

Boston.

The market remains about the same as last week, the tone on the whole being strong. All the staple flowers are selling well at fair prices with the exception of white carnations, of which there seems to be an over-supply. Chrysanthemums are nearly past and the few being brought in are of inferior quality. Red roses of all varieties are scarce. Many of the growers report that their crop of red roses is to a greater or less extent a failure. As a result of this shortage American Beauty is selling as high as \$6 per dozen. All of the retail florists report that there has been a very good sale of house plants during the past two weeks. A number of the florists have had window displays of poinsettia the past week.

Julius Zinn, of Beacon street, furnished the decorations for the Smith-Wilbur wedding at Brookline this week, both at the church and at the house. Mr Zinn also has charge of fitting up the new house of General Taylor, of the Boston Globe, with various kinds of indoor plants.

Edward MacMulkin, of Boylston street, reports business as having been brisk the past two weeks, with cyclamens and azaleas the leading features. For his window this week he has a green effect consisting principally of orchids and adiantum.

H. M. Robinson & Company have been working every night until 11 or 12 getting out their Christmas goods. They are turning out some very effective wreaths of boxwood, and report that the orders for laurel are larger than usual.

Christian Moeckel, of Fitchburg, informs us that he has obtained a verdict of \$1,200 against the C. A. Cross Company for damages to glass caused by the explosion of that company's gasoline tanks in March last.

John McFarland, of North Easton, has been bringing in to the Boston Co-operative Flower Market some exceptionally well developed specimens of the poinsettia, for which good prices have been obtainable.

The Waban Rose Conservatories report a shortage in nearly all of the red varieties of roses, but the other colors are well stocked up. This shortage of the reds does not promise to last more than two weeks.

Thomas F. Galvin's Tremont street store has had a very attractive window the past week, the decorations consisting principally of poinsettia with a background of adiantum and other greens.

John T. Butterworth, of South Framingham, is critically ill, suffering from gall stones in the bladder. An operation has been performed and his numerous friends hope for the best.

F. A. Blake, of Rochdale, Mass., has had on exhibition at Welch Brothers' the past week a new white seedling carnation which is a very well developed flower.

John W. Skahan, of Belmont, had over \$1,500 stolen from his house last Friday.

The painter who had been working on his house for several days is missing.

Robert McGorum, of Wellesley, has been sending to Welch Brothers some Bride and Bridesmaid of an exceptionally fine grade.

Welch Brothers report that they have taken more orders for holly than in previous years at this period of the season.

John Foote, of Malden, has been cutting some fine Fair Maid carnations and has been obtaining as high as \$5 per 100.

H. H. Rogers, of South Sudbury, has been cutting a very good lot of Ethel Ward and Daheim carnations.

The G. A. Sutherland Company, recently organized, reports a good Thanksgiving trade.

James Tulis, of South Sudbury, is cutting some good carnations of all varieties. H. P. S.

St. Louis.

The market continues very firm. Roses are more plentiful except American Beauty, which appear to be very scarce. Carnations are still very scarce and holding up in price. Prosperity and Enchantress are selling at 5 cents. California violets have been selling all the week at 75 cents per 100 and are cleaned up daily. Bulbous stock is also coming in slowly. Stevia is a little more plentiful. Valley is selling well. Some fine galax, green and bronze, is now on the market and selling well. Smilax and Asparagus Sprengeri are in demand. All the retail florists are busy preparing for Christmas trade. A good many of the downtown florists have decorated their windows with folding bells while the West End florists are filling up with blooming plants, azaleas, cyclamens, poinsettias, etc. The prospects for cut flowers for Christmas depend largely on the weather, which is still holding out very fine, and if it continues we can expect good supply of everything.

The regular meeting of the Florists' Club was held December 8, and was called to order at 2:30 p. m. by Acting-Chairman Beneke. President Juengel telephoned in the morning saying sickness prevented him from being present. The meeting opened with nineteen members present. After disposing of routine business, among which was a letter from Secretary Stewart, of the Society of American Florists, in which he included a list of over 100 names of florists who had not received the souvenir programme of the last convention, Vice-President Pilcher then took the chair. The special feature of this meeting was the disposition of the \$143 remaining from the convention entertainment. Discussion was then in order and invited, a warm debate following. The discussions and opinions were as various and numerous as the members present. After the brilliant orators were exhausted and quiet restored it was decided to return the surplus to the guarantors instead of adding it to the permanent entertainment fund. Two new members besides C. C. Fenders were elected for membership. A committee was appointed to ascertain how many would go to the carnation meeting in January. The treasurer reported over \$1,100 on hand. The question box was opened and the meeting adjourned.

Geo. Waldbart reports trade as first-class. He has a fine display of all kinds of fine roses, carnations and violets, also a fine assortment of blooming plants, primroses, lily of the valley as well as aucuba trees full of berries and fine holly.

This firm has a large decoration at the St. Louis Woman's Club next Friday.

The orchid collection at Shaw's Garden has been increased by the generous gift of the Mexican commission to the Louisiana Purchase Exposition. The commission presented about 1,000 rare orchid plants and 6,000 cacti. Some very rare species are included.

Last week we published by mistake that the American Express Company had joined with the other companies in refusing to call for "empties." We wish to correct this. The American Express Company still calls for "empties" and has not raised prices.

The Ellison Floral Company reports having a decoration at the St. Louis Club for a big reception. It also had the decorations last Sunday at Governor Francis' home.

The monthly meeting of the St. Louis Florists' Club will take place Thursday at Odd Fellows hall. A large meeting is expected. Some very important essays are to be read.

F. J. Foster says trade is holding up fine. Fred has his windows very handsomely trimmed for the holidays with Christmas novelties.

Ostertag Brothers have been very busy with funeral work and decorations. They expect large trade for the holidays.

Miss Ostertag reports trade as first-class. She has a fine display of blooming plants for the Christmas trade.

Young & Sons are busy with funeral work and making preparations for Christmas trade.

Egling Floral Company says trade is good. It is busy preparing for Christmas rush.

All the commission houses report trade good, not enough flowers to fill orders.

M. N. Ayres is getting in large supplies of blooming plants.

Buffalo.

Ideal weather is still with us, consequently a brisk trade is not in evidence. All florists are making preparations for holiday trade. Christmas trade in other lines has opened up earlier this year than previous years. All stock around here is reported in good shape. Everything is in very good supply at the present time and of good quality.

S. A. Anderson is getting some fine Killarney and Bridesmaid roses now with the assurance that Christmas will find them as good.

H. Keitsch & Son Company has been incorporated, with a capital of \$10,000. The directors are Mary, C. H. and W. C. Keitsch.

Palmer's sale of Bon Silene is good, and as he is the only one handling that pretty little rose he has a monopoly.

It is said that some local members of the trade were caught in the German bank failure.

Visitors: H. J. Wise, East Aurora, N. Y.; Mr. and Mrs. E. R. Fry, Rochester, N. Y.; Edward Fancourt, Philadelphia, Pa. BISON.

NATICK, MASS.—Wm. E. Glidden has lately established a store at the pharmacy of P. H. McGrath & Company.

BLACK ROCK, CONN.—The new greenhouse that Miss S. J. Bartram has had erected is about completed.

OCONOMOWOC, WIS.—The greenhouses and residence of August Schuenemann have been leased by Mr. and Mrs. Wegener, formerly of Milwaukee.

THE AMERICAN FLORIST

TWENTIETH YEAR.

Subscription, \$1.00 a year. To Europe, \$2.00
Subscriptions accepted only from those
in the trade.

Advertisements, on all except cover pages
10 Cents a Line, Agate; \$1.00 per inch.
Cash with Order.

No Special Position Guaranteed.

Discounts are allowed only on consecutive inser-
tions, as follows—6 times, 5 per cent; 13 times,
10 per cent; 26 times, 20 per cent;
52 times, 30 per cent

Space on front pages and back cover page sold
only on yearly contract at \$1.00 per inch, net.

The Advertising Department of the AMERICAN
FLORIST is for florists, seedsmen and nurserymen
and dealers in wares pertaining to those lines only.

Orders for less than one-half inch space not accepted.

Advertisements must reach us by Wednesday to
secure insertion in the issue for the following
Saturday. Address

AMERICAN FLORIST CO., Chicago.

When sending us change of address, always send
the old address at the same time.

THIS ISSUE 72 PAGES WITH COVERS.

CONTENTS.

| | |
|-----------------------------------------------------------------------|-----|
| Holiday suggestions..... | 803 |
| Christmas plants (illus.)..... | 803 |
| Cut flowers for holiday trade..... | 804 |
| Handling holiday plants..... | 805 |
| Chicago retailers on holiday prospects..... | 806 |
| Flowers at Congress' opening..... | 807 |
| President Breitmeyer on trade conditions..... | 808 |
| Seen at the fall flower shows..... | 808 |
| The carnation..... | 809 |
| Notes on new varieties..... | 809 |
| Chrysanthemums..... | 810 |
| Chrysanthemum Pink (over) (illus.)..... | 810 |
| The Baby chrysanthemums (illus.)..... | 810 |
| With the growers..... | 811 |
| Pochlmann Brothers Company, Chicago..... | 811 |
| Weiland & Risch, Chicago..... | 812 |
| Peter Reinberg, Chicago..... | 812 |
| Sinner Brothers, Chicago..... | 812 |
| George Reinberg, Chicago..... | 812 |
| Robert Craig & Son, Philadelphia..... | 813 |
| Chas. Zeller & Son, Flatbush, N. Y. (illus.)..... | 813 |
| H. F. Littlefield, Worcester, Mass..... | 814 |
| Market gardens..... | 814 |
| Asparagus freshened in water..... | 814 |
| Muskmelon under glass..... | 814 |
| British trade topics..... | 815 |
| Ladies of the trade..... | 815 |
| The retail trade..... | 816 |
| A Christmas wreath (illus.)..... | 816 |
| Combination tag and envelope (illus.)..... | 816 |
| New York..... | 817 |
| Chicago..... | 817 |
| Philadelphia..... | 818 |
| Boston..... | 819 |
| St. Louis..... | 819 |
| Buffalo..... | 820 |
| Keeping bulbs in cold storage..... | 820 |
| Easter plants..... | 821 |
| Washington..... | 821 |
| Obituary..... | 821 |
| The seed trade..... | 821 |
| Seed prospects of 1905 in the south..... | 828 |
| No holly on commission..... | 828 |
| Baltimore..... | 828 |
| The nursery trade..... | 830 |
| George Ellwanger celebrates eighty-eighth birthday (portrait)..... | 830 |
| Our pastimes..... | 832 |
| European floriculture..... | 848 |
| The allied trades..... | 858 |
| Cement drain and the benches (illus.)..... | 858 |
| A Philadelphia supply house..... | 858 |

"Old Christmas wreath is still as green and red
As 'twas a hundred years ago."

This old couplet was perhaps never truer than at Christmas, 1904. The florists are surely entitled to as red and green a wreath as can be made because it belongs to their art. The brightness of the Christmas wreath is, however, only typical. All people may claim one when their holiday outlook and surroundings are fair and pleasing. Surely, in this sense the florists have many reasons now for celebrating these festivities heartily. Horticulture, and particularly floriculture, possess a bright present and future. Let us then at the Christmas dinner soon to be celebrated twine "old Christmas wreath" and drink a posset to its blessings.

It is better to sell good stock now than to pickle it.

PLEASE do not fail to send us a detailed report of your Christmas trade.

TELL your stoker that you have no use for dangerous fires—tell him to be careful.

THE growers are looking to the immediate future for a chrysanthemum revival.

In the rush of holiday work do not neglect those plants which at Easter time should be ready for the purchaser.

CHRISTMAS BELLS are having an unprecedented sale. Perhaps the cover of the Ladies' Home Journal did it.

EVERY holiday package, plants or cut flowers, should be wrapped carefully and tastefully. Deliver every holiday package in time.

DO NOT forget that next Easter is almost three weeks later than Easter of 1904. Care for your Easter stock accordingly.

SOME wideawake nurserymen in the northwest are considering the advisability of going into the growing of holly for eastern markets at holiday time.

PERHAPS the most important part of your business is to secure orders, but remember that next in importance comes the delivery of satisfactory goods.

FAKE buyers with many kinds of elaborate plans are in evidence during the holidays. Do not waste effort on them, but devote your greatest attention to regular, legitimate customers.

THE illustration of the new rose, Richmond, which appeared in our issue of November 26, shows blooms which had been in the exhibition hall for several days and were exhausted when the photograph was taken.

WILLIAM K. HARRIS, the veteran grower of Philadelphia, uses butter tubs for a great many plants. He says they save him money in shipping. These tubs are not painted, but simply dipped in enamel dye solution of attractive green. The dye, however, does not affect the hoops, which have to be painted to make a good job.

DOUBLEDAY, PAGE & COMPANY, in announcing the Garden Magazine, say:

More has been printed about gardening than ever before, and in 1905 still more will be printed; yet we have not been able to satisfy the demand for garden information and to keep the subject within reasonable proportions, doing justice to all the other topics, because the interest in gardens is growing with overwhelming rapidity, and our experience has convinced us that there is a wide demand for a periodical devoted exclusively to the garden.

American Carnation Society.

NOTICE OF SUPPLEMENTARY PREMIUM LIST.

The American Carnation Society will have to issue a supplement to the regular premium list, and this supplement will have to go to press December 20. In it will be given the entry blank for the exhibition at Chicago, January 25 and 26, and the full list of premiums offered.

Anyone desiring to offer a special premium for this exhibition will please forward the particulars at once to Albert M. Herr, Lancaster, Pa. Parties who are not members of the society can have this premium list mailed them on application to the same address.

DEPARTMENT OF REGISTRATION.

By W. B. Arnold, of the Rockland, greenhouses, Rockland, Mass., Varie-

gated Lawson, a variegated sport from Lawson, snow white marked with carmine, marking being very distinct, without clouding or blending. Habit identical with Lawson and needs no description. ALBERT M. HERR, Sec'y.

Lancaster, Pa.

Keeping Bulbs in Cold Storage.

ED. AM. FLORIST:—In answer to the query of "M." in the last issue of the AMERICAN FLORIST, I would state that we have a cold storagehouse cooled with natural ice in which we have successfully stored speciosum and candidum lilies, valley clumps, spiræas, Iris Kämpferi, pæonias and dahlia roots. They were in perfect condition as late as end of May. We have also tried potatoes, and although it ruined them for eating purposes, they made a much more rapid growth when planted the middle of July. We have kept potatoes in storage two years and they grew when planted. We believe that any of the Dutch bulbs could be kept much longer than necessary for Easter without any trouble but would advise packing them in dry sand or sawdust to prevent them wilting or drying up. We know they will flower much sooner than if planted in the fall. Von Sions planted in water at the end of January will make good flowers in six weeks, Paper Whites in four and Chinese sacred lilies in three. Cold storage with natural ice is more constant, the temperature remaining around 36° Fahr. but when cooled with ammonia it is liable to go below freezing. If it does, Romans and Paper Whites would not be worth much. C. E. KENDALL.

Easter Plants.

ED. AM. FLORIST:—Please tell me where to keep and when to start *Deutzia gracilis*, rhododendrons, dwarf Japanese cherries and *Hydrangea hortensis rosea* for Easter flowering. J. J. S.

In answering the question of "J. J. S." I will give my experience as follows: *Deutzia gracilis* should now be in pots; plunge outside in some loose material, such as long manure, straw or leaves, to prevent pots from bursting by freezing. About January 15 remove them into a greenhouse, with a temperature of about 50° for a few weeks, then if they are a little backward for Easter, raise the temperature to 55° or 60°, but do not allow the temperature to go any higher if possible, for there is no plant that can be spoiled in a shorter time by too much heat, when just coming into bloom. All the *hortensis hydrangeas* want about the same treatment. They should be in a greenhouse as cold as possible, so they do not freeze, until the first of January, then place them in a temperature of 50° or 55° for three or four weeks, then raise gradually to 70° or possibly a little higher if they are behind. That is a question each grower must judge for himself. Plants to be in bloom by Easter, should have their cluster of buds about the size of a 25 cent piece, five or six weeks before Easter. Give plenty of water when you begin to give more heat, and look out for red spider, a pest that thrives in a temperature that will flower *hydrangeas* by Easter. As regards Japanese cherries I have had no experience.

WM. K. HARRIS.

Society for Horticultural Science.

Prof. S. A. Beach, secretary of the Society for Horticultural Science, announces that the second annual meeting of the

society will be held in Philadelphia in connection with the regular annual meeting of the American Association for the Advancement of Science December 27. This society meets as an affiliated society of the A. A. S., and its members thereby secure the same privileges that are granted to the A. A. S. Most of the railroads in the country have already and it is expected that the others will grant a rate of one and one-third fare for the round trip. Members in buying a ticket should secure a certificate (not receipt) from the ticket agent. Announcement will be made in the meeting as to the disposition of these certificates in order to secure the reduced return fare. Rates have also been secured at various hotels in the city. A list of these hotels will be sent to anyone applying to Dr. L. O. Howard, secretary of the A. A. S., Washington, D. C. There will be three sessions, morning, afternoon and evening, on the date mentioned above, the meetings being held in Biological hall of the University of Pennsylvania. The president's address, by Prof. Bailey, will be given in the afternoon. This society has already been referred to several times in the columns of the AMERICAN FLORIST and a report was given of the first annual meeting. The society has attracted quite a little attention abroad as well as at home, and counts among its members a number of prominent European horticultural investigators.

Entertainment by C. W. Ward at Queens.

NEW YORK, December 9.—(By Telegraph)—The New York Florists' Club, accompanied by many local growers, in number about 100, accepted the invitation of C. W. Ward, of the Cottage Gardens, and leaving Long Island City on a special train of two cars this morning at 11 o'clock were soon at Queens. The train was run into the private switch on Mr. Ward's grounds and after inspection of the houses a splendid luncheon was served. At the close of which Patrick O'Mara, in fine style, suggested a vote of thanks to Mr. Ward for his reception and hospitality. Mr. Ward, in replying, said he was greatly gratified at the honor paid him by the visitors and the club and he hopes to make these trips become annual in the future. The carnation committee of the club were all present and judged the varieties shown, which will be noted in later issue. The delegation returned on the 4:30 train much delighted with the trip.

Trade Notes.

Retail florists are using the latest Pier-son fern quite extensively in decorative work.

The National Chrysanthemum Society, of England, will hold a special exhibition of market chrysanthemums December 14.

An English correspondent sends the Garden a photograph showing Lilium Harrisii well developed in an outdoor border, southern exposure.

J. B. Murdoch & Company, Pittsburg, are having a strong demand for carnations and making very satisfactory returns to their growers on this class of stock.

The Storrs & Harrison Company has issued its fiftieth anniversary catalogue of fruit and ornamental trees through the horticultural printery of the J. Horace McFarland Company at Harrisburg, and the work is a beautiful one, exceedingly creditable to all concerned.

Washington.

F. H. Kramer has a new automobile, a fifty-horse power touring car with a speed of sixty miles an hour. As he is the first Washington florist to introduce the auto, he is now the subject of wonder and admiration among the members of the craft. Kramer says he found it just the thing for delivery in the sleet and slush of the opening day of congress.

Vice-president Freeman, of the S. A. F., has a plan for a handsome convention souvenir. There will be a great number of fine engravings of buildings of historic interest, with room enough left on the card for advertisements.

Alex B. Garden has a house of poinsettias that are fine. He is cutting every day and they sell well. The tallest and best he will reserve for Christmas.

S. E.

OBITUARY.

Fred J. King.

Fred J. King, of Ottawa, Ill., died Tuesday evening, December 6. Mr. King was long and favorably known in northern Illinois, a pioneer florist and a devoted member of the S. A. F., which organization he joined early in its history. Mr. King's business standing was of the best. He was loyal to his friends and when once his business relations were established he allowed no trifling cause to affect them. The deceased had been in poor health with affection of the lungs for two or three years, and during recent months was confined to his house. It was not supposed, however, by his business friends that the end was so near. He leaves a widow.

Reinhold Will.

Reinhold Will, a leading florist in Minneapolis, died December 3 at his home, at the age of 62 years. Mr. Will was born in Germany and came to this country in 1873, locating in Henderson. Ten years later he came to Minneapolis and established himself as a wholesale florist, later founding the firm of R. Will & Sons, large growers of carnations and violets. Of late he had suffered from rheumatism and had planned to spend the winter in the south, but a serious stomach trouble developed, compelling him to remain at home. He was taken to Rochester for an operation, but the case was seen to be hopeless, and he was taken home, managing to live long enough so that the entire family could gather around him in his last moments. The deceased leaves a wife and nine children, Charles J. Will, of the Holland house, New York; G. A. Will, an attorney; Mrs. John Taylor and Otto A., Hugo, Henry, Clara, Pansy and Elsie Will, all of Minneapolis.

SITUATIONS, WANTS, FOR SALE.

One Cent Per Word.

Cash with the Adv.

Plant Ads. NOT admitted under this head.

Every paid subscriber to the AMERICAN FLORIST for the year 1904 is entitled to a five-line WANT ADV. (situations only) free, to be used at any time during the year.

Situation Wanted—By a first-class saleslady and designer. Good references. Address
E V W, 345 Long St., Columbus, Ohio.

Situation Wanted—By an industrious young man of 21, where he can learn the florists' trade. Address
ZION HORTICULTURAL SUPPLY,
Zion City, Ill.

Situation Wanted—By working foreman; south preferred. First-class references and only good firms need to apply. Can change in January.
No. 52, 2628 Halstead St., Cincinnati, O.

Situation Wanted—As working foreman, German, single, sober, age 33; first-class cut flowers and pot plants, etc.; designer, landscape. Please state wages. Good references. Address
O. QUAAK, 436 Pine St., Calumet, Mich.

Situation Wanted—By a first-class grower of roses carnations miscellaneous stock; capable of taking charge. German, 31 years of age; not afraid of work. Place where first-class flowers are demanded preferred. References given. Address
ERNEST PRIGGE, 211 E. Ohio St., Chicago.

Help Wanted—Young man to learn the florist trade, from 15 to 18 years of age. Apply to
JOHN L. WYLAND, De Haven, Pa.

Help Wanted—Experienced man for general greenhouse work at once; state age and experience.
E. M. HOLT & Co., Butler, Pa.

Wanted—Single man with experience on carnations; \$10.00 per week. J. B. GOETZ SONS,
118 So. Michigan Ave., Saginaw, W. S., Mich.

Help Wanted—\$20.00 to \$50.00 per week. See 3 1/2 inch adv. in another column. Address
SPAULDING NURSERY AND ORCHARDS Co.,
Spaulding, Ill.

Help Wanted—Industrious all-around florist, able to take charge of 10,000 feet of glass; wages \$20 per month and board. Address
FRANK SABAN, Red Oak, Iowa.

Help Wanted—Second man for greenhouse, must have experience in growing roses and carnations; wages \$12 per week. Address
Box 98, care American Florist.

Wanted, Partner—A practical florist with about \$2,000, to buy interest of partner retiring into other business. Retail in city of 60,000 within 30 miles of Philadelphia; 15,000 feet of glass; an excellent opportunity and a square deal.
T. R. WILSON, 418 Arcade Bldg., Philadelphia, Pa.

For Sale—Ballard's greenhouse, \$750.
Perry, Iowa.

For Sale—Horizontal tubular hot water boiler in first-class condition; 9 ft. 6 ins. long; 36 inches in diameter; nearly new Deane steam pump.
J. W. DUNFORD, Clayton, Mo.

Help Wanted—A married man to work vegetable garden; salary \$15 a month and house; 20 acres in the place; 2 acres vegetables, 2 acres strawberries. Place on the Interurban railway, five miles from Battle Creek, Mich. Address
E. F. CLARK, Manager Post Tavern,
Battle Creek, Mich.

For Sale—An elegant greenhouse plant, up-to-date and modern in every way; 20 lots, 40 000 feet of glass, fine dwelling, all new; a fine retail and wholesale trade; the demand is first-class; good market; in one of the finest cities in Colorado; water plentiful and the best of soil right at the door. Have other business; will sell reasonably. Address
No. 99, care American Florist.

TO SALESMEN.

A side line of Special Greenhouse Hose is offered on commission to salesmen regularly calling on florists. Apply with full particulars as to territory covered to

FACTORY, P. O. 1371, NEW YORK.

To the Seed Trade.

I have been 20 years in the seed trade with three prominent firms in Scotland, know all branches, and am open for a place with some good American house where I can become familiar with the American trade. Would accept a subordinate position for a short time, with a chance for advancement. Have done both inside and outside work. Address
DAVID C.
care Watson's Seed Store, Philadelphia.

GREENHOUSE GLASS

FOR SALE CHEAP. GREAT BARGAIN.

In quantities of not less than 200 box lots, l. o. l. Chicago
200 boxes 12x14 Double Thick B. Net cash per box. \$2.55
500 boxes 16x18 " " A. " 2.75
500 boxes 16x18 " " B. " 2.75
400 boxes 16x20 " " A. " 2.90
500 boxes 16x24 " " A. " 3.00
400 boxes 16x24 " " B. " 2.75

Great bargain in all other glass, for shipment east or west.

Mfrs. and Jobbers.
Jas. H. Rice Co., 80-82 Wabash Ave., Chicago.

KENNICOTT BROS. COMPANY

Our reputation has always been that we fill orders when others fail. All stock in season at Lowest Market Rates.

PRICE LIST. Subject to change without notice.

| BEAUTIES— | Per doz. |
|----------------------|------------------|
| Extra long stem..... | \$5.00 to \$7.00 |
| 24-inch stem..... | 4.50 |
| 20-inch stem..... | 3.50 |
| 16-inch stem..... | 2.50 |
| 12-inch stem..... | 2.00 |
| BRIDES..... | Per 100 |
| BRIDESMAIDS..... | 4.00 to 8.00 |
| LIBERTIES..... | 4.00 to 8.00 |
| PERLES..... | 6.00 to 10.00 |
| | 4.00 to 8.00 |

| GOLDEN GATE..... | Per 100 |
|---------------------------|------------------|
| ROSES, our selection..... | \$4.00 to \$8.00 |
| CARNATIONS..... | 2.00 to 2.50 |
| " fancy..... | 3.00 to 5.00 |
| VIOLETS..... | 1.00 to 1.50 |
| ROMANS..... | 2.00 to 4.00 |
| NARCISSI..... | 3.00 to 4.00 |
| CALLAS..... | 15.00 |
| MIGNONETTE..... | 3.00 to 5.00 |
| VALLEY..... | 8.00 to 4.00 |

| MAHONIA..... | Per 100 |
|-----------------------------|----------------|
| ADIANUM..... | \$1.00 |
| SMILAX, per dozen..... | 1.00 |
| GALAX, green, per 1000..... | \$1.25 to 1.75 |
| " bronze, per 1000..... | 1.25 |
| LEUCOTHOE, per 1000..... | 1.50 |
| FERN, per 1000..... | 6.00 |
| ASPARAGUS SPRENGERI..... | 1.50 |
| " PLUMOSUS..... | 2.00 to 3.00 |
| " Strings..... | 2.00 to 3.00 |
| | 50.00 |

KENNICOTT BROTHERS COMPANY,

40-42-44 Randolph St., CHICAGO.

Wholesale Flower Markets

MILWAUKEE, Dec. 8.

| | |
|-------------------------------|-------------|
| Roses, Beauty, long per doz. | 5.00 |
| " med. " 200@ | 3.00 |
| " short..... | 8.00 |
| " Liberty..... | 2.00@ 8.00 |
| " Chatenay..... | 3.00@ 8.00 |
| " Bride, Bridesmaid..... | 3.00@ 8.00 |
| " Meteor, Golden Gate..... | 3.00@ 8.00 |
| " Perle..... | 2.00@ 5.00 |
| Carnations..... | 2.00@ 4.00 |
| Smilax..... | 10.00@12.50 |
| Asparagus..... | 35.00@50.00 |
| Valley..... | 3.00@ 4.00 |
| Adiantum..... | 1.00 |
| Violets..... | 1.00@ 1.50 |
| Callas..... | 10.00@12.50 |
| Romans, Paper Whites..... | 2.00@ 3.00 |
| Sweet peas..... | .50 @ 1.00 |
| Stevia..... | 1.50 @ 2.00 |
| Harrisii..... | 12.50@15.00 |

PITTSBURG Dec. 8.

| | |
|------------------------------|-------------|
| Roses, Beauty, specials..... | 40.00@50.00 |
| " extras..... | 25.00@35.00 |
| " No. 1..... | 12.00@20.00 |
| " ordinary..... | 6.00@ 8.00 |
| " Bride, Bridesmaid..... | 2.00@10.00 |
| " Meteor..... | 4.00@ 6.00 |
| " Libertie..... | 4.00@15.00 |
| " Kaiserin..... | 2.00@ 8.00 |
| " Chatenay..... | 2.00@ 6.00 |
| Carnations..... | 1.00@ 4.00 |
| Lily of the valley..... | 3.00@ 4.00 |
| Smilax..... | 12.50@15.00 |
| Asparagus, strings..... | 25.00@50.00 |
| Asparagus Sprengeri..... | 1.00@ 2.00 |
| Lilies..... | 12.00@15.00 |
| Adiantum..... | 1.00@ 1.50 |
| Violets..... | .50 @ 1.75 |
| Paper White Narcissus..... | 2.00@ 3.00 |
| Roman hyacinths..... | 1.00@ 4.00 |
| Stevia..... | 1.00@ 2.00 |

CINCINNATI, Dec. 8.

| | |
|------------------------------------|----------------|
| Roses, Beauty, 1.00@ 4.00 per doz. | |
| " Bride, Bridesmaid..... | 3.00@ 6.00 |
| " Liberty..... | 3.00@ 6.00 |
| " Meteor, Golden Gate..... | 3.00@ 6.00 |
| Carnations..... | 1.00@ 4.00 |
| Lily of the valley..... | 3.00@ 4.00 |
| Asparagus..... | 10.00@12.50 |
| Smilax..... | 1.00@ 1.50 |
| Adiantum..... | 1.00@ 1.50 |
| Callas..... | 10.00 |
| Asparagus Plumosus and Sprengeri | |
| in bunches..... | .25@ per bunch |

St. Louis, Dec. 8.

| | |
|--------------------------------|-------------|
| Roses, Beauty, long stem..... | 4.00@5.00 |
| " Beauty, medium stem..... | 2.50@3.00 |
| " Beauty, short stem..... | .75@2.00 |
| " Bride, Bridesmaid..... | 4.00@ 6.00 |
| " Golden Gate..... | 4.00@ 6.00 |
| " Liberty..... | 4.00@ 8.00 |
| " Kaiserin..... | 4.00@ 6.00 |
| " Meteor..... | 4.00@ 6.00 |
| Carnations..... | 1.50@ 4.00 |
| Smilax..... | 15.00 |
| Asparagus Sprengeri..... | 1.50@ 3.00 |
| " Plumosa..... | 25.00@50.00 |
| Ferns, fancy, per 1000 \$1.75. | |
| Adiantum..... | 1.00@ 1.25 |
| Violets, California..... | .75@1.00 |
| " Double..... | 1.50 |
| Lily of the valley..... | 4.00 |
| Stevia..... | 1.50 |

CLEVELAND, Dec. 8.

| | |
|-----------------------------|-------------|
| Roses, Beauty..... | 12.50@35.00 |
| " Bride, Bridesmaid..... | 4.00@ 8.00 |
| " Meteor..... | 4.00@ 8.00 |
| Carnations..... | 2.00@ 4.00 |
| Smilax..... | 10.00@15.00 |
| Asparagus, strings..... | 25.00@50.00 |
| " Sprengeri..... | 1.00@ 2.00 |
| Galax..... | 1.00@ 1.50 |
| Common ferns..... | 1.50 |
| Violets, single..... | .75@ 1.00 |
| " double..... | 1.00@ 1.50 |
| Paper Whites..... | 3.00@ 4.00 |
| Stevia..... | 1.00@ 1.50 |

A Beautiful Decorative Evergreen for Christmas.

A Single Postal Request Will Bring You, Gratis, a Sample and Price.

Choice Brides, and Maids, Beauties, Carnations, Valley, Violets.

PITTSBURG CUT FLOWER CO., Ltd.

PITTSBURG'S OLDEST WHOLESALE FLORISTS.

504 LIBERTY AVE.,

PITTSBURG, PA.

HOLTON & HUNKEL CO.,

Wholesale Cut Flowers

462 Milwaukee Street,

MILWAUKEE, WIS.

J. M. McCullough's Sons Co.

WHOLESALE FLORISTS

ALSO SUCCESSORS TO

THE CINCINNATI CUT FLOWER CO.

CONSIGNMENTS SOLICITED.

Special attention given to Shipping Orders.

316 WALNUT ST.

CINCINNATI, O.

Please mention the American Florist when writing.

Pittsburg Florists' Exchange,

WHOLESALE FLORISTS

and Florists' Supplies.

228 Diamond St.,

PITTSBURG, PA.

Send for weekly price list and prices on large orders..

Please mention the American Florist when writing.

H.G. BERNING

Wholesale Florist

1402 Pine St.,

ST. LOUIS, MO.

Please mention the American Florist when writing

C. A. KUEHN,

Wholesale Florist,

1122 Pine St.,

ST. LOUIS, MO.

A Complete Line of Wire Designs.

Peter Weiland,

WHOLESALE FLORIST.

Room 18, 128 E. Third St., CINCINNATI, O.

Headquarters for

American Beauties and all leading varieties of
Roses and Carnations.

All flowers sold at prevailing market prices.

Orders received and filled at Greenhouses if
desired, by addressing

PETER WEILAND, New Castle, Ind.

Please mention the American Florist when writing.

AMERICAN BEAUTIES.

Cut Roses—American Beauties and all
kinds of Tea Roses at lowest prices. Trial
orders solicited.

HELLER BROS., New Castle, Ind.
South Park Floral Company

Please mention the American Florist when writing.

RICE BROTHERS

128 N. 6th St., MINNEAPOLIS, MINN.

Wholesale Cut Flowers and Supplies.

Wild Smilax | Flowers billed at
Market Prices.

Shippers of choice Cut Flowers and Greens of all
kinds. Try us.

Please mention the American Florist when writing.

J. B. MURDOCH & CO.

WHOLESALE FLORISTS, FLORISTS' SUPPLIES.

545 Liberty Ave., PITTSBURG, PA.

Please mention the American Florist when writing.

SINNER BROTHERS

**58-60 Wabash Ave.,
CHICAGO.**

Christmas Price List.

| BEAUTIES | | Per doz. |
|-------------------------|-------|--------------------|
| Long stemmed | ..... | \$12 00 |
| 30-inch | ..... | 10.00 |
| 24-inch | ..... | 8.00 |
| 20-inch | ..... | 6.00 |
| 15-inch | ..... | 4.00 |
| 12-inch | ..... | 3.00 |
| Short stemmed | ..... | 1.50 |
| | | Per 100 |
| Bride | ..... | \$12 00 to \$15.00 |
| Bridesmaid | ..... | 12.00 to 15.00 |
| Meteor | ..... | 12.00 to 15.00 |
| Liberty | ..... | 12.00 to 20.00 |
| Gate | ..... | 12.00 to 15.00 |
| Ivory | ..... | 12.00 to 15.00 |
| Chatenay | ..... | 12.00 to 15.00 |
| Carnations, fancy | ..... | 8.00 |
| " good | ..... | 5.00 to 6.00 |
| Ferns, \$2.00 per 1000. | ..... |  |

Our HOLIDAY Service is Unexcelled.

CHRISTMAS BELLS AND HOLLY.

RUSH ORDERS WILL RECEIVE PROMPT ATTENTION.

E. C. AMLING

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

32, 34, 36 RANDOLPH ST.,
CHICAGO.

L. D. 'Phones Central 1978 and 1977.

Please mention the American Florist when writing.

Bassett & Washburn

76 & 78 Wabash Ave., CHICAGO.

Wholesale Dealers and
Growers of **Cut Flowers**

GREENHOUSES: HINSDALE, ILL.

Please mention the American Florist when writing.

D. WOOD BRANT,

SUCCESSOR TO BRANT & NOE FLORAL CO.

—Grower of—

CUT FLOWERS AT WHOLESALE.

Choice American Beauty Roses.

Prices reasonable.

Careful attention given shipping orders.

58-60 Wabash Ave., CHICAGO.

Poehlmann Bros. Co.

Wholesale Growers of

and
Dealers in **Cut Flowers**

All telegraph and telephone orders
given prompt attention.

Greenhouses: 35-37 Randolph Street,
Morton Grove, Ill. CHICAGO.

Wholesale Flower Markets

CHICAGO, Dec. 9

| | |
|------------------------------------------|-------------------------|
| Roses, Beauty, 30 to 36-in. stems | 5.00@ 6.00 |
| " " 20 to 24 " | 3.00@ 4.00 |
| " " 15 to 18 " | 1.50@ 2.00 |
| " " 12 " | 1.50 |
| " Liberty | 6.00@10.00 |
| " " extra select | 10.00@ 12.00 |
| " Chatenay | 4.00@10.00 |
| " Bride, Bridesmaid | 4.00@10.00 |
| " Meteor, Golden Gate | 4.00@10.00 |
| Carnations | 2.00@ 5.00 |
| " fancy | 2.00@ 4.00 |
| Valley | 3.00@ 4.00 |
| Violets | 1.00@ 1.50 |
| Asparagus Plumosus, per string 40 to 50c | |
| " " sprays | 2.00@6.00 |
| " Sprengerii | 3.00@ 6.00 |
| Leucothoe Sprays |75 |
| Galax Leaves, Bronze, per 1000 | 1.25 .15 |
| " Green, " " 1.00 | |
| Adiantum | 1.00 |
| Fancy ferns...per 1000 | 1.00@ 1.50 |
| Smilax |12.00@15.00 |
| Callas |1.25@1.50 per doz. |
| Paper Whites | 3.00 |
| Romans | 2.00@ 4.00 |

Always mention the.....

American Florist

when you write to an advertiser.

E. H. Hunt,

WHOLESALE

Cut Flowers

"THE OLD RELIABLE."

76 Wabash Ave.,CHICAGO.

Please mention the American Florist when writing.

GEO. REINBERG,

Wholesale
Grower of **Cut Flowers**

CHOICE AMERICAN BEAUTIES.

We will take care of your orders at reasonable prices. Prompt attention.

51 Wabash Ave., CHICAGO, ILL.

Please mention the American Florist when writing.

Flower Growers' Market.

60 Wabash Ave., CHICAGO.

Order your stock where it will be filled with care and dispatch. The most successful growers of cut flowers, are those who sell their own stock. Give us your **standing order**.

PERCY JONES, Manager.

Please mention the American Florist when writing.

Vaughan & Sperry,

Wholesale Florists.

58 and 60 Wabash Ave., CHICAGO.

WRITE FOR SPECIAL PRICES.

Please mention the American Florist when writing.

J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and
Carnations
A Specialty.....

WHOLESALE
GROWER OF

CUT FLOWERS

THE BENTHEY-COATSWORTH CO.

35 RANDOLPH ST.

WHOLESALE FLORISTS

CHICAGO.

The Leo Niessen Company

WHOLESALE FLORISTS

1217 Arch Street,

Store open from 7 A.
M. to 8 P. M.

PHILADELPHIA, PA.

The Cleveland Cut Flower Company,

WHOLESALE CUT FLOWERS, FLORISTS' SUPPLIES, WIRE DESIGNS.

52 and 54 High Street,

CLEVELAND, OHIO.

BOSTON, MASS.

WELCH BROS.

15 Province Street

All Varieties FLOWERS in Season FANCY and DAGGER FERNS.
FLORISTS' SUPPLIES all kinds.

Long Distance Telephone, 6268-6267 Main.

For CHRISTMAS, Cut Strings of

Asparagus Plumosus Nanus.

FIRST-CLASS STOCK RUNNING EVEN AND FULL,
50 CENTS EACH.

W. H. ELLIOTT, Brighton, Mass.

LEIKENS

7 E. 33d St. Near New York City.
Telephone No. 1417 Madison.

NURSERIES, RUTHERFORD, N. J.

Orders for Baskets, Boxes, Designs, Steamers, Receptions, and from out-of-town Florists will receive personal and careful attention. We guarantee perfect satisfaction.

Original Pioneer House—Established 1871.

JAMES HART

117 W. 30th St., NEW YORK.

Wholesale and Commission

Consignments solicited. Shipping orders promptly attended to. Phone 626 Madison.

Please mention the American Florist when writing.

GEORGE COTSONAS & CO.,

Wholesale and Retail Dealers in all kinds of EVERGREENS. Fancy and Dagger Ferns, Bronze and Green Galax.

Phone 1202 Mad. Sq.
MAIN STORE, 45 W. 29th St., NEW YORK.
BRANCH, 55 W. 28th St.,

Please mention the American Florist when writing

The Philadelphia Wholesale Flower Market.

1235-7 Filbert St., PHILADELPHIA.

Open from 7 A. M. to 6 P. M. Telephones.

THE KERVAN COMPANY,
WHOLESALE DEALERS.

All Decorating Evergreens, Galax, Leucothoe, Mosses, Etc.

20 W. 27th Street, NEW YORK.

TELEPHONE 1519 MADISON Sq.

GALAX, LEUCOTHOE, ETC.

Galax, Brilliant, Bronze or Green, \$1.00 per 1000.
In lots of 5,000 at 75c per 1000
Leucothoe Sprays, Bronze or Green, \$1.00 per 100;
\$7.50 per 1000.

Green Sheet Moss, per bbl. sack..... \$2.50
Sphagnum Moss, per sack..... 60c and 1.25
CUT FLOWERS, FLORISTS' SUPPLIES.

H. L. MENAND, 34 Williams St., Albany, N. Y.
L. D. TELEPHONES.

Wholesale Flower Markets

Boston, Dec. 8

| | |
|-------------------------------|-------------|
| Roses, Beauty, best..... | 15.00@35.00 |
| " " medium..... | 8.00@20.00 |
| " " ovals..... | .50@ 4.00 |
| " Bride, Bridesmaid..... | 1.00@ 3.00 |
| " extra..... | 4.00@ 8.00 |
| " Liberty..... | .50@ 8.00 |
| Carnations..... | .50@ 1.00 |
| " Fancy..... | 1.00@ 2.00 |
| Lily of the valley..... | 3.00@ 4.00 |
| Smilax..... | 8.00@12.00 |
| Adiantum..... | .75@ 1.00 |
| Asparagus..... | 35.00@50.00 |
| Violets..... | .50@ 1.00 |
| Chrysanthemums, ordinary..... | 4.00@ 6.00 |
| " fancy..... | 8.00@12.00 |

PHILADELPHIA, Dec. 8.

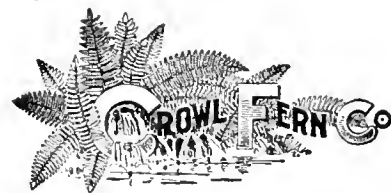
| | |
|-----------------------------------------|-------------|
| Roses, Tea..... | 5.00@ 8.00 |
| " extra..... | 8.00@12.00 |
| " Liberty..... | 8.00@16.00 |
| " Queen of Edgely, extra..... | 16.00@35.00 |
| " firsts..... | 12.00@15.00 |
| " Beauty, extra..... | 16.00@40.00 |
| " firsts..... | 12.00@15.00 |
| Carnations..... | 1.00@ 3.00 |
| Chrysanthemums, per doz., \$1@ \$4..... | 8.00@35.00 |
| Lily of the valley..... | 3.00@ 5.00 |
| Asparagus..... | 25.00@50.00 |
| Smilax..... | 12.00@15.00 |
| Violets, single..... | .25@ .50 |
| " double..... | .75@ 1.50 |
| Adiantum..... | 1.00@ 1.50 |
| Gardenias..... | .35@ .50 |
| Mignonette..... | 1.00@ 3.00 |

BUFFALO, Dec. 8.

| | |
|----------------------------------|-------------|
| Roses, Beauty..... | 6.00@50.00 |
| " Bride, Bridesmaid, Meteor..... | 2.00@ 8.00 |
| Carnations..... | 2.00@ 6.00 |
| Harrish..... | 15.00 |
| Lily of the valley..... | 2.00@ 5.00 |
| Asparagus, strings..... | 40.00@50.00 |
| Smilax..... | 10.00@15.00 |
| Adiantum..... | .50@ 1.00 |
| Lilium Longiflorum..... | 15.00 |
| Chrysanthemums..... | 5.00@25.00 |
| Violets..... | .75@ 1.50 |

HARDY CUT FERNS.

Fancy or Dagger Ferns, 85c per 1000. Galax, Brilliant Bronze or Green, 75c per 1000; \$8.50 per case of 10,000. Laurel Festooning, hand-made, full sizes, 4c, 5c and 6c per yd. Made fresh daily from the woods. Send us your CHRISTMAS orders now and we will please you. Branch Laurel, 35c per large bundle. Southern Wild Smilax, \$5.50 per case, large size. Laurel Wreaths and Princess Pine Wreaths, made all sizes and prices. Princess Pine by the lb. and made into roping. Tell us your wants and we will name you prices.



Tel. Office, New Salem, Mass. Millington, Mass.

Southern Wild Smilax

Choice stock, well packed, 50 lb. case, \$6.00, will cover about 600 square feet. 25 lb. case, \$3.25 will cover 300 square feet.

Galax Leayes Brilliant bronze or green, selected stock full count, \$1.00 per 1000; \$3.75 per 5000.

Leucothoe Sprays, green, 90c per 100, \$7.50 per 1000. Sphagnum Moss, large bale, \$1.75; by freight \$2.00.

Green sheet Moss, beautiful color, clean stock, \$2.50 per bbl. sack.

Immortelles, new crop, red, white, blue, purple, orange, pink, green or black, \$2.75 per doz. bun's.; yellow, \$2.25 per doz. bunches.

ALL KINDS OF FLORISTS' SUPPLIES.

Tel. 597 Madison L. J. KRESHOVER,
Square. 110-112 W. 27th St., New York.



FANCY

DAGGER

Hardy Cut Ferns

First Quality, \$1.00 per 1000.

ALSO DEALER IN

CHRISTMAS TREES, Baled Spruce for Cemetery Use,
Bouquet Green, Sphagnum Moss, Etc.

L. B. BRAGUE, Hinsdale, Mass.

BERGER BROS. WHOLESALE FLORISTS.

Bell and Keystone 'Phones. 1220 Filbert Street, PHILADELPHIA.

FLOWERS SHIPPED BY

JOHN I. RAYNORARE THE BEST PRODUCT OF THE BEST
GROWERS FOR THE NEW YORK MARKET.**Adiantum Croweanum**
SOLD HERE EXCLUSIVELY.49 W. 28th St., NEW YORK.
Tel. 1998 Madison Square.**YOUNG & NUGENT**42 West 28th Street, Wholesale Florists.
Telephone 2085 Madison Sq.

CATTLEYAS, GARDENIAS, ROSES, CARNATIONS and all seasonable novelties. With our long experience in shipping, and competent assistants in our packing department, we are in a position to guarantee out-of-town customers who place their orders with us that they will not be disappointed.

Walter T. Sheridan,
Wholesale Florist,

Telephone 902 Madison Square.

39 West 28th St., NEW YORK

Telephone No. 756 Madison Square.

**MOORE, HENTZ & NASH**

Wholesale Commission Florists.

55 and 57 West 28th St. NEW YORK CITY.

Advice or sale note daily. Statement and check weekly. All consignments, large or small, receive the same attention. CORRESPONDENCE INVITED.

WHOLESALE WILLIAM GHORMLEY, COMMISSION

Daily Receiver and Shipper of Fresh Cut Flowers.

Orchids, Roses, Carnations, Valley, Lilies, etc.

Telephones 2200 and 2201 Madison Square.

57 West 28th Street, NEW YORK CITY.

JOHN YOUNG,Special American Beauties,
Surpassing Carnations,
Lily of the Valley, Orchids
and all Seasonable Flowers.51 West 28th St., NEW YORK.
Telephone 1905 Madison Square.THE RECOGNIZED HEADQUARTERS IN
NEW YORK CITY FOR**Violets and Carnations**GROWERS and BUYERS make a note of this.
It will be to your advantage.**WM. H. GUNTHER,**
30 West 29th Street, NEW YORK.
Telephone 551 Madison Square.**THOMAS YOUNG, Jr.**
WHOLESALE FLORIST.**CHOICEST CUT FLOWERS.**

43 W. 28th St., NEW YORK CITY.

THE RELIABLE
COMMISSION HOUSE**JOSEPH S. FENRICH**48 W. 30th Street, NEW YORK.
TEL. 325 MADISON SQ.**N. Y. CUT FLOWER EXCHANGE**Coogan Bldg. 6th Ave. and W. 26th St., New York.
Open for Cut Flower Sales at 6 o'clock
Every Morning.DESIRABLE WALL SPACE TO RENT FOR
ADVERTISING.**JOHN DONALDSON, Secretary.**

Choice Carnations.

Selected Roses.

Traendly & Schenck

NEW YORK CITY,

44 W. 28th Street, Cut Flower Exchange.
New Telephone No. 798 & 799 Madison Sq.**Wholesale Flower Markets**

NEW YORK, Dec. 6.

| | |
|------------------------------------|-------------|
| Roses, Beauty, best..... | 5.00@35.00 |
| " " medium..... | 3.00@10.00 |
| " " culls..... | 1.00@ 2.00 |
| " Liberty, best..... | 6.00@15.00 |
| " " medium..... | 2.00@ 5.00 |
| " " culls..... | 1.00@ 1.50 |
| " Bride, Bridesmaid, G. Gate..... | 1.00@15.00 |
| " Kaiserin, Carnot..... | 1.00@10.00 |
| Carnations..... | 1.00@ 3.00 |
| " fancy and novelties..... | 3.00@ 8.00 |
| Lily of the valley..... | 1.00@ 4.00 |
| Lilies..... | 8.00@15.00 |
| Smilax..... | 5.00@10.00 |
| Adiantum..... | 10@ .50 |
| Asparagus..... | 25.00@50.00 |
| Gardenias..... | 2.00@ 8.00 |
| Violets..... | 1.00@ 1.50 |
| Chrysanthemums, per doz., 75c@4.00 | |

Charles Millang**WHOLESALE FLORIST.**Conservatory connected from which I can ship
ferns and decorative plants promptly.50 W. 29th St. NEW YORK.
Tel. 3860 and 3861 Madison Square.Receivers and Shippers of Cut Flowers.
Consignments Solicited.**A. L. YOUNG & CO., Wholesale**
Florists,
54 West 28th Street,
Telephone 3559 Madison Sq. NEW YORK.**FORD BROS.**

Receivers and Shippers of

Fresh Flowers111 West 30th St., NEW YORK
Telephones 3870-3871 Madison Sq.

REPRESENTING EMINENT GROWERS

Julius Lang

53 West 30th Street, NEW YORK.

COMMISSION DEALER in FLOWERS
TELEPHONE 980 MADISON SQ.**ALEX. J. GUTTMAN,**

Wholesale Commission Florist,

All varieties of Cut Flowers in season
at right prices, and of the
BEST QUALITY.52 W. 29th Street, NEW YORK CITY.
Telephone 1664 and 1665 Madison Square.**THE**
NEW YORK CUT FLOWER CO.55 and 57 West 26th St.,
WHOLESALE FLORISTS.Daily Reports. Weekly Payments.
TELEPHONE J. A. MILLANG,
756 Madison Sq. MANAGER**CARNATIONS My**
Specialty.

CONSIGNMENTS SOLICITED.

Prompt Payments. Established 1891
Alfred H. Langjahr, 55 W. 28th St.
New York.
Telephone 8924 Madison Sq.**EDW. C. HORAN,**

55 WEST 28TH STREET,

Telephone 421
Madison Square.

.....NEW YORK.

CUT FLOWERS AT WHOLESALE.

CUT FLOWERS OR DESIGNS will be Delivered for the Trade on Wire or Mail Orders in Best Qualities and Prices:

NEW YORK.

Steamer Gifts

Orders for flowers in any form carefully filled and delivered by special messenger on board any steamer on day of departure from New York.

THOS. YOUNG, JR.

43 W. 28th St., NEW YORK CITY.

Please mention the American Florist when writing.

SAN FRANCISCO.

TELEPHONE MAIN 1023.

SIEVERS & BOLAND,

Floral Artists,

33 Post Street, SAN FRANCISCO, CAL.

INDIANAPOLIS.

Bertermann Bros. Co.,
FLORISTS,

241 Massachusetts Ave., INDIANAPOLIS, IND.

Please mention the American Florist when writing.

ST. LOUIS.

Fred. C. Weber,
FLORIST,

4320-4328 Olive St., ST. LOUIS, MO.

Established 1873, L Dist. 'Phone Lindell 196 M.

DENVER.

The Park
Floral Co.

J. A. VALENTINE, DENVER, COLO.
Pres.

MILWAUKEE.

C. C. Pollworth Co.
MILWAUKEE, WIS.

Will take proper care of your orders in

WISCONSIN.

CHICAGO.

Established 1857.

The Geo. Wittbold Co.

1657 Buckingham Place, CHICAGO.

Growers and importers. The oldest and leading house in Central and Western United States. Decorative plants a specialty. Mail and Wire Orders Get Prompt attention.

Palmer's

BUFFALO,
N. Y.

DETROIT.

JOHN BREITMEYER'S
SONS

Cor. MIAMI and GRATIOT AVES.

DETROIT, MICH.

Artistic Designs. * * *

High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Please mention the American Florist when writing.

CHICAGO.

P. J. HAUSWIRTH

Auditorium Annex,

CHICAGO.

Mail, telegraph or telephone orders filled promptly in best style.

OMAHA.

HESS & SWOBODA,
FLORISTS,

1415 Farnam Street, OMAHA, NEB.

'Phone 1601 and L. 1692.

SPRINGFIELD.

Mark Aitken
FLORIST.

388 Main St., Springfield, Mass.

WASHINGTON.

Joseph R. Freeman,
FLORIST,

612 13th St. N.W., WASHINGTON, D. C.

ST. PAUL.

HOLM & OLSON,
ST. PAUL.

THE LEADING FLORISTS OF THE N. W.
Orders will be well cared for anywhere in Minnesota and the Dakotas.

MILLS THE FLORIST,

36 W. Forsyth Street,

JACKSONVILLE, FLA.

Wreathing....

Well wound from fresh stock, light \$2.65. Medium, \$3.50. Heavy, \$4.50 per 100 yards. **BOUQUET GREEN**, \$5.00 per 100 lbs. Cash **XMAS TREES**. Write for particulars.

JOSEPH BANCROFT & SON,
CEDAR FALLS, IOWA.

Indianapolis Floral Co.

839 Ft. Wayne Avenue,

INDIANAPOLIS, IND.

WHOLESALE

Commission Florists.

ALL ORDERS PROMPTLY FILLED IN BEST POSSIBLE MANNER.

Consignments Solicited. We are in position to give prompt and liberal returns on all consignments.

WANTED, Bulbs.

We want to buy in lots of 1,000 to 10,000 each the following: TULIPS, select mixtures, CROCUS, HYACINTHS, separate colors mixed, NARCISSUS, all kinds, LILIES.

Please mention the American Florist when writing.

CHAS. CHADWICK,

COR. FULTON & LAGRAVE,

Grand Rapids, Mich.

WHOLESALE and RETAIL FLORIST.

High-Grade Cut Blooms.

Carnations, Roses, 'Mums, Violets, Etc.

Choice American Beauties a Specialty.

Artistic Designs on Short Notice.

Good Shipping Facilities to all Michigan Points.

— A TRIAL ORDER SOLICITED. —

Please mention the American Florist when writing.

JOHN WOLF,

Wholesale and Retail Florist,

SAVANNAH, GA.

Paper White Narcissus and Roman Hyacinths.

\$2.00 per hundred, in any quantity.

Long Distance Telephone Connections.

Please mention the American Florist when writing.

We Sell...

The finest **BRONZE** and **GREEN GALAX**, just from the woods. Small, 45c; medium, 50c; large, 55c per 1000.

J. E. HYLTON & CO., Ballard, Va.
Please mention the American Florist when writing.

TEXAS MISTLETOE FOR CHRISTMAS DECORATIONS. Absolutely the finest in the land. Heavy rich green foliage; fine large white berry. Keeps well for 60 days after cutting. Can ship in quantities from a crate to car lot. Large size crate sent to any address by express on receipt of \$1.00. Address,

WILLIAM ANDERSON,
Brownwood, Texas.

Please mention the American Florist when writing.

HOLLY

BEST IN THE MARKET,

\$5.00 and \$6.00 per case.

Wild Smilax

\$4.00 and \$7.00 per case.

Box Green

\$18.00 per 100 pounds.

HARDY Ferns,

Fancy, \$1.50 per 1000.
Dagger, \$1.00 per 1000.

Galax, BRONZE, and GREEN,
\$1.00 per 1000.

LAUREL

Wreaths, \$2.00 per dozen and upwards.
Festooning, 5 and 6 cents per yard.

Headquarters for CHRISTMAS GREENS and FLORISTS' SUPPLIES

LONG DISTANCE TELEPHONE MAIN 2818.

HENRY M. ROBINSON & CO.
NOS. 8 and 11 Province Street, BOSTON.

BOUQUET GREEN

Good Stock. Prompt Shipment. Right Prices.

MISTLETOE. We expect to have as usual a choice stock of this for delivery about December 15th. Orders should be placed at once. Extra quality per lb., 25c; 10 lbs., \$2.25; 25 lbs., \$5.00.

Evergreen Wreathing Beginning about November 20, we carry two grades regularly in stock in large lots, and will make closest prices in 20-yard coils, per 100 yards, \$2.75 to \$4.50.

Our Special Holiday Circular Will Pay You.

VAUGHAN'S SEED STORE,

84-86 Randolph St., CHICAGO.

14 Barclay St., NEW YORK.

Greenhouses and Nurseries, Western Springs, Ill.

R. C. HAYDEN, Sec'y and Treas.

WM. J. MUTH, Manager.

PHILADELPHIA CUT FLOWER CO.

Wholesale Commission Florists

CHOICE BEAUTIES, MAIDS AND BRIDE ROSES,
FANCY CARNATIONS

AND ALL OTHER SEASONABLE FLOWERS.

1516-1518 Sansom Street,

Bell and Keystone Phones.
Open 7:30 a. m. to 8 p. m.

PHILADELPHIA, PA.

HIGH-GRADE SOUTHERN WILD SMILAX.

And Florists' Hardy Decorative Supplies.
Prices Right.

SPECIAL FACILITIES FOR HANDLING LARGE ORDERS.
WRITE, WIRE OR PHONE.

E. A. BEAVEN, - - Evergreen, Ala.

The Seed Trade.

AMERICAN SEED TRADE ASSOCIATION.

Chas. N. Page, Des Moines, Ia., Pres.; L. L. May, St. Paul, Minn., First Vice-Pres.; C. E. Kendel, Cleveland, O., Sec'y and Treas. Twenty-third annual convention, June, 1905.

NEW YORK.—Henry Nungesser is making a western trip.

KANSAS CITY, MO.—H. Nungesser and Charles P. Braslan were trade visitors this week.

BOUQUET GREEN prices hold about steady between \$5 and \$6 per 100 pounds in good sized lots.

ONION seed prices to the larger buyers—growers for market, pickling, etc.—in the west, are opening low.

PRESIDENT LOUBET has stated in public that he will officially introduce in France the Chinese vegetable, pe-tsai.

NEW YORK.—Alfred Emerich, representing Vilmorin-Andrieux & Company, of Paris, returned December 1 on the S. S. La Savoie.

VISITED CHICAGO: Thos. M. Landrum, representing C. C. Morse & Company, Santa Clara, Cal.; J. I. Reynolds, of Kansas City, Mo.

HOLLY will be scarce in the west and quality only moderate. The demand is already good and prices for good stock will undoubtedly be higher.

BAY CITY, MICH.—It is reported that the Harry N. Hammond Seed Company expects to pay fifty cents on the dollar on claims against that concern.

THE railroad lines to the south have learned the necessity of freight prepayment or guarantee on holly and the putting into effect of this rule has cut down the commission stocks very much.

CHARLEVOIX, MICH.—The D. M. Ferry Seed Company, Detroit, Mich., has decided to rebuild its warehouse at Pine Lake, near Charlevoix, at an estimated cost of \$20,000.

A PURE seed special train on the Northwestern railroad, carrying Profs. Wheeler and Wilson of the South Dakota Agricultural school, will be sent through South Dakota, Minnesota and other states this winter, stopping at every village for the experts to deliver brief lectures on the care of seed grain to the farmers who gather at the stations.

Seed Prospects of 1905 in the South.

Realizing that the earliest evidence of the coming season's business is available to the southern dealers, the AMERICAN FLORIST submits the views of its correspondents in that section as follows:

The Amzi Godden Company, Birmingham, Ala., writes December 2:

From the present prospects there will be about as much truck planted in the south the coming season as was planted last year. In some sections there will be considerable increase, but owing to high prices that have obtained for cotton the past two seasons some truck growers have been led to decrease their acreage in vegetable crops. Ordinarily there is more money to the southern farmer in 10-cent cotton than in raising vegetables, especially where negro help is to be relied upon. Southern truckers are rather in a bad condition just now, because but few if any of them realized anything off their fall gardens, owing to unprecedented drought throughout the south during September and October.

H. G. Hastings & Company, Atlanta, Ga., write November 30:

In our opinion the year 1905 will be a banner year for business in all lines throughout the south. We have had two years with cotton at 10 cents and above, and the southern farmers have more money now than at any time since the war. Mortgages are being paid off, new implements and household furniture are being bought, and wherever you go through this section you find a tone of prosperity. In our own line we think that the prospects are very favorable for an excellent business this coming season and are making preparations to handle a large increase in business.

No Holly on Commission.

The Chicago correspondent of the New York Fruit Trade Journal writes as follows November 30. The article is written from the commission man's point of view, and the statement is doubtless true that commission houses will have to pay cash to get their supply of holly, particularly if they expect any decent grade of stock this season:

The holiday trade in decorations is just starting, with light receipts of holly, and indications that the trade will have to buy it if it is wanted. Last year's experience was so disastrous that it is doubtful if a recurrence of the same conditions will occur for some time to come. Last year the price started low and continued to go lower until it was a question of freight in many cases. The country shippers, as a whole, lost money, and it now looks as if they propose to know where they get "oil at." This year it is cash, a guaranteed bank draft or no holly.

Mr. Editor, you, with many of your readers, may wonder why I write about something that no one uses or knows little about. But people do use it, so that there are firms who handle it in our market by the hundred cars, and there are several firms on South Water street who, from now till December 23, will have from twenty to fifty girls making holly wreaths, with another lot weaving lycopodium in coils of twenty yards for decorative purposes. The magnitude of the trade can be realized only by those who are in the business. This decorative trade is something that has grown to its present importance during the past few years. Besides the regular manufacturing trade the Greek peddlers manufacture wreaths in a small way, the aggregate of which runs into thousands of dollars worth. Lycopodium comes from the forests of northern Wisconsin, nearly all being bought direct by the agents of the Chicago dealers. Magnolia leaves come from Georgia and Louisiana, the sentimental mistletoe from the Indian Territory and Texas, while holly comes from Delaware and Tennessee.

Baltimore.

The weather grows more decidedly wintry, and the week just passed has been one of clouds, cold rains, chilling winds and snow. The last, which fell nearly twelve hours, is fortunately melting away quickly under the rays of a clear, bright sun. Trade seems to quicken in the cooler weather and there is a fair amount of business doing all around. From now until Christmas comes usually an interregnum of dullness, money being largely diverted into the direction of purchases of gifts of a less perishable nature than flowers.

As a rule stock is better in quality. There are some scattering fag ends of chrysanthemums still in sight but they are nearly concluded; violets are scarce, and those coming in are not of a quality commending them to exacting purchasers. Carnations go up and down as to supply, and naturally growers are trying to hold all back that are possible for the holiday trade. The dull weather has affected the rose output, and American Beauty especially are short of the market's requirements.

The two events of the week from the trade standpoint were a notable dinner given at the Belvidere hotel by Wm. A. Marburg to several judges of the courts of New York city, and to which a large number of his friends in this city were invited; and the first german of the local Bachelors' Cotillion Club, which is the doorway for the annual entry into society of the various debutantes of the gay

world. The color scheme of the dinner decorations was entirely red and the flowers were mainly liberty roses. They were furnished by the Feasts. The custom of the german is for the men friends of the "debs" to send them bouquets, and the beautiful ballroom was like a floral bower. One of the debutantes received twenty-five bouquets, and entered the room carrying a great cluster of Golden Gate roses. Other bunches were made of American Beauty and Bridesmaid roses, orchids, valley and violets. The Beauties were mainly imported from Philadelphia, the capacity of our home growers being entirely inadequate to the calls. But the demand must have been far greater to have reached the expectations which inspired practically every wholesaler of the city of Pennsylvania to send his drummer into our midst in anticipation of this event! The ballroom is so handsome an apartment that the decorations usually given the hall where the balls were held were unnecessary and no attempts were made in that way except to put palms and some greenery on the corridor leading to the banquet hall. This was done as usual by George A. Black. S. B.

WESTERN SEED COMPANY,

Largest Wholesale and Retail Growers of Field Seed Corn in the U. S. We do a general retail mail order business in all kinds of Field, Garden and Flower Seeds. We are always in the market to buy or to sell all kinds of seeds in large or small quantities. If interested, ask for our FREE ANNUAL SEED CATALOG.

WESTERN SEED CO., Shenandoah, Iowa.

Fine Holly

STANDARD CRATE

\$2.50

CASH OR C. O. D.

G. R. GURNEY, Birmingham, Ala.

LATE PICKED

Bouquet Green

ALL AVAILABLE

Also Evergreen Wreathing

ALL GRADES

Write or Wire for latest quotations.

E. F. WINTERSON CO.,
45-47-49 Wabash Ave.,
CHICAGO.

NEW HARDY ANNUAL.

The Gold Medal Carmine-Flowered Tobacco Plant

Nicotiana Sanderae

Silver Medal Massachusetts Horticultural Society, Boston, November 3, 1904.

Seeds in original packets from all seedsmen throughout the United States.

Gold Medal, London, 1903. Gold Medal, Royal Horticultural Society of England, 1904. First-class Certificate and Barkeean Medal by 24 members of Floral Committee, R. H. Society.

Particulars, colored illustrations, etc., from

SANDER & SONS, ST. ALBANS, ENGLAND.

WHOLESALE AGENTS FOR THE UNITED STATES:

HENRY A. DREER Chestnut St., Philadelphia, Pa.
J. M. THORBURN Cortlandt St., New York.
VAUGHAN'S SEED STORE, Chicago and New York.

PRIZE VALLEY

For the Holidays You Want the BEST. This means you want BRUNS'.

Our LILY OF THE VALLEY Received First Prize at the World's Fair Flower Show.

COLD STORAGE VALLEY PIPS

\$1.75 PER 100 PIPS.

\$15.00 PER 1000 PIPS.

\$35.00 PER CASE OF 2,500 PIPS.

FANCY CUT VALLEY ALWAYS ON HAND.

NEW VALLEY PIPS

Received in Prime Condition. This Stock is Unsurpassed. \$12.00 PER 1000. ORDER NOW.

H. N. BRUNS, 1409-1411 W. Madison St. CHICAGO

Please mention the American Florist when writing.

HOLLY — HOLLY

STANDARD CASE, 16 cu. ft., delivered\$5.00 HALF CASE \$2.75

This is especially fine stock with us this year and coming to you as it does by Express insures perfectly fresh stock just when you want it.

Book now and have it arrive daily during the Holiday Season.

HIGH GRADE SOUTHERN SMILAX—PRICES RIGHT.

E. A. BEAVEN, Evergreen, Ala.

Please mention the American Florist when writing.



"THE DAY AFTER THANKSGIVING."

Flushing, L. I., N. Y., Nov. 25, 1904.

Mr. Benjamin Hammond, Fishkill-on-Hudson, N. Y.,

Dear Sir:—I have used your "Grape Dust" for the last six years in all my Rose Houses and find it is the very best preservative against Mildew, and it also checks Greenfly and other vermin.

Very truly yours,

A. L. THORNE.

HAMMOND'S GRAPE DUST IS SOLD BY SEEDSMEN.

"SOLUTION OF COPPER," "BORDEAUX MIXTURE, GENUINE,"
SLUG SHOT, FOR SOW BUGS, ETC. * * * * *

The Nursery Trade

AMERICAN ASSOCIATION OF NURSERYMEN.

E. W. Kirkpatrick, McKinney, Tex., Pres.;
C. L. Watrous, Des Moines, Ia., Vice-Pres.;
George C. Seager, Rochester, N. Y., Sec'y.
Thirtieth annual convention, West Baden
Springs, Ind., June, 1905.

THUS far we have been unable to find that reputable nurserymen have been deluded by the seedless apple craze.

RIVERSIDE, CAL.—The Chase Rose Company's business in exporting roses has developed very rapidly with the past few years.

THE CITY OF ROSES.—Portland, Ore., in which the Lewis and Clark exposition will open June 1, 1905, has been called the city of roses.

HAMILTON, ONT.—A fruit, flower and honey show will be held here next year. An invitation has also been extended to the Fruit Dealers' Association to hold its annual meetings here.

KNOXVILLE, TENN.—It is reported that Hon. N. W. Hale has sold his interest in the Knoxville Nursery Company. He has been in the nursery business here for twenty years and was recently elected to congress.

MICHIGAN'S horticultural exhibit is reported to have been awarded the grand prize as a collective exhibit at the World's Fair, besides receiving seven gold medals, 102 silver medals and 100 bronze medals on individual exhibits.

BENTON HARBOR, MICH.—The Michigan State Horticultural Society in its thirty-fourth annual session convened in this city December 6. The society's new officers were elected as follows: President C. F. Hale, Shelby; vice-president, C. E. Hadsell, Troy; secretary, C. E. Bassett, Fennville; treasurer, A. W. Slayton, Grand Rapids.

DANVILLE, ILL.—The central Illinois horticulturalists closed their annual meeting at the state university December 2. The following officers were elected: President, George J. Foster, of Normal; first vice-president, Rev. J. R. Reasoner, of Urbana; second vice-president, Behring Burrows, of Decatur; secretary, F. S. Phoenix, of Bloomington; treasurer, Fred Hubbard, of Urbana.

George Ellwanger Celebrates Eighty-eighth Birthday.

Very quietly at his home on Mount Hope avenue yesterday George Ellwanger celebrated his eighty-eighth birthday. Only the members of his family were present. A large number of friends sent him letters of congratulations. Flowers and other tokens of regard that kept coming all day long were evidence of the high esteem in which Mr. Ellwanger is held in the community. His long life of usefulness, his public spirit, his kindly nature have won for him a host of friends and he stands to-day foremost among the citizens of the Flower city.

Mr. Ellwanger was in his usual health and was able to enter fully into the spirit of the day. While not as vigorous physically as he once was, his mind is clear and strong, and he is keenly alive to all that is going on about him.

For years Mr. Ellwanger has been accustomed to keep his birthday by giving

a dinner to the trustees of the Reynolds library and other friends. For obvious reasons this custom has not held good for the past two years. The guests who have often sat around the table of this genial host presented to him yesterday a silver coffee set as a token of their affection and esteem, and greeted him with a long letter of appreciation and congratulation.—*Rochester Democrat and Chronicle*, December 3, 1904.

Oneco, Fla.

To the northern florist, or any one else for that matter, a visit to the Royal Palm Nurseries here, owned and operated by Reasoner Brothers, is of much interest. Acre after acre of tropical and sub-tropical plants are growing out of doors or protected by mere lath houses. The soil and climate seem to be adapted to growing successfully a large variety of nursery stock. Oranges and other citrus fruits



George Ellwanger.

occupy several acres; other acres are devoted to roses of many varieties, and still others to palms and ferns, all seeming to produce a strong, sturdy growth. They grow for the wholesale as well as retail trade, and attractive catalogues are issued for both.

The day after my visit to the nurseries I attended the South Florida fair, then being held at Tampa. Here the Royal Palm Nurseries had a fine display, consisting of a full carload of plants and trees in pots and tubs, occupying when exhibited 800 square feet. The fruit exhibit covered 100 feet, and consisted mostly of guavas and citrus fruits, some eighty distinct kinds in all.

Premiums were offered by the fair on fifteen or twenty groups of decorative and ornamental plants.

E. C. KECK.

Des Moines.

M. J. Wragg of the state horticultural board has received a list of the prizes won in the fruits exhibit of Iowa at the Louisiana purchase exposition. The state wins a grand prize on the general display of fruit, five gold medals, thirty-three silver medals and thirty-nine bronze medals.

Bloomington, Ill.

Saddler Brothers, the nurserymen, have made preparations for the erection of a large warehouse, and work upon the same will begin at an early date. It is hoped to complete the structure this season. It will be a large frame structure suitable for the storing and packing of nursery stock, and will cost in the neighborhood of \$5,000 when completed. The firm now has an office up-town in one of the business blocks.

Jackson, Miss.

The indications are good for a large gathering of horticulturists in Jackson, December 16, for the purpose of organizing a State Horticultural Society. It is expected that at least 100 of the most prominent fruit and vegetable growers in the state will be present and enrolled as members. The movement to organize a State Horticultural Society was launched at the State Farmers' Institute, held in Starkville, September 3, and since that time active correspondence has been in progress with the view of perfecting a permanent organization. Prof. A. B. McKay is chairman of the temporary organization, and Mrs. R. H. Thompson, of Ridgeland, has been performing the functions of secretary.

Orange, N. J.

The regular monthly meeting of the New Jersey Floricultural Society, held December 2, was marked by the usual meritorious display of flowers. The total award of points for the year was announced and the presentation of the prizes referred to the executive committee as to time and place for the bestowal. The annual election of officers resulted as follows:

President, D. Kindsgrab, gardener for William Runkle; vice-president, Arthur L. Caparn, gardener for Stuart Hartsborne; secretary, William Bennett, gardener for A. C. Van Gaasbeck; treasurer, Malcolm McRorie, gardener for Mandeville estate.

J. B. D.

BUTTE CITY, MONT.—The new greenhouse at Columbia gardens was entirely completed December 2 and turned over to Manager Wharton for use immediately.

HOW TO EARN \$20 to \$50 PER WEEK.

This is an advertisement but is worthy of your careful consideration, as it is a bonafide offer to the readers of the AMERICAN FLORIST for their services this winter—whole or part time.

If you mean business it will pay you to write to the Spaulding Company and get their proposition. Whether you are experienced in their line or not they will outfit you free and instruct you fully each week, so that you will positively make as much as stated above, in cash, and in addition thereto will receive many premiums, not cheap, trashy things but useful and valuable articles which they send their salesmen free, from time to time, by way of appreciation and encouragement.

Working for them is not like representing an ordinary nursery concern, for they are nurserymen of national reputation and can be depended upon to fulfill all agreements with salesmen and customers. They will make life easy and prosperous for you if you give them the chance.

Write them to-day for full particulars.

—ADDRESS—

SPAULDING NURSERY & ORCHARD CO.,
SPAULDING, ILL.

Dreer's Special Offer

OF DECORATIVE PLANTS FOR THE HOLIDAYS.

Our stock of Decorative Plants suitable for the holiday trade is in fine condition, clean, vigorous, healthy stock of good color which will sell at sight.

PALMS.

Areca Lutescens.

| Pots. | Plants in pot. | In. high. | Doz. | 100 | 1000 |
|--------|----------------|-----------|--------------|--------|----------|
| 2-in. | 1 | 6 to 8 | \$.75 | \$6.00 | \$ 50.00 |
| 3-in. | 2 | 12 to 15 | 1.00 | 8.00 | 75.00 |
| 4-in. | 2 to 3 | 15 to 18 | 3.00 | 20.00 | 190.00 |
| 5-in. | 3 | 18 to 20 | 5.00 | 40.00 | 350.00 |
| 6-in. | 3 | 24 to 28 | 9.00 | 75.00 | |
| 10-in. | very bushy | 48 to 51 | \$4.00 each. | | |

Calamus Intermedius.

A tropical species with finely feathered, dark green foliage. 6-in. pots, 24 ins. high, \$1.50 each.

Cocos Weddelliana.

| Pots. | Ins. high. | Per doz. | Per 100 |
|-------|------------|----------|---------|
| 3-in. | 6 to 8 | \$1.25 | \$10.00 |
| 3-in. | 10 to 12 | 2.00 | 15.00 |
| 4-in. | 15 to 18 | 4.00 | 30.00 |

Specimen plants in 5-in. pots about 18 inches high, 75c each.

Kentia Forsteriana.

| Pots. | Leaves | In. high. | Doz. | 100 | 1000 |
|--------|--------|-----------|--------|---------|---------|
| 2½-in. | 4 | 8 to 10 | \$1.25 | \$10.00 | \$90.00 |
| 3-in. | 5 | 12 to 15 | 2.00 | 15.00 | 140.00 |
| 3-in. | 5 to 6 | 15 | 4.00 | 30.00 | |
| 5-in. | 5 to 6 | 18 | 6.00 | 50.00 | |

| | | | Each |
|-------------|--------|--------------|--------|
| 6-in. | 6 | 28 to 30 | \$1.00 |
| 6-in. | 6 | 30 to 32 | 1.25 |
| 6-in. | 6 | 32 to 36 | 1.50 |
| 8-in. | 6 to 7 | 4½ feet | 5.00 |
| 9-in. | 6 to 7 | 5 to 5½ feet | 6.00 |
| 10 in. | 6 to 7 | 5½ to 6 feet | 7.50 |
| 10-in. | 6 to 7 | 6 feet | 10.00 |
| 12-in. tubs | 6 to 7 | 6½ feet | 12.50 |
| 12-in. tubs | 6 to 7 | 7 to 8 feet | 25.00 |

Made-Up Kentia Forsteriana.

The made-up plants are all of exceptional good value, and will be found especially useful for decorative work in the sizes above 5-inch pots.

| Pots. | Plts in pot. | Height. | Per doz. | Per 100 |
|-------|--------------|----------|----------|---------|
| 3-in. | 3 | 10 to 12 | \$2.00 | \$15.00 |
| 4-in. | 3 | 15 to 18 | 4.50 | 35.00 |
| 5-in. | 3 to 4 | 18 | 7.50 | 60.00 |

| Tubs. | Plts in tub. | Feet. | Each |
|--------|--------------|---------|--------|
| 8-in. | 3 | 4 to 4½ | \$5.00 |
| 9-in. | 3 | 5 to 5½ | 6.50 |
| 9-in. | 3 | 5½ to 6 | 7.50 |
| 10-in. | 3 | 6½ to 7 | 12.50 |
| 12-in. | 3 to 4 | 6½ to 7 | 15.00 |
| 12-in. | 3 to 4 | 7 to 8 | 20.00 |

Kentia Belmoreana.

| Pots. | Leaves. | In. high. | Doz. | 100 | 1000 |
|--------|---------|-----------|--------------|---------|---------|
| 2½-in. | 4 | 8 to 10 | \$1.25 | \$10.00 | \$90.00 |
| 3-in. | 5 | 12 to 15 | 2.00 | 15.00 | 140.00 |
| 4-in. | 5 to 6 | 15 to 18 | 4.50 | 35.00 | 325.00 |
| 5-in. | 5 to 6 | 20 to 22 | 9.00 | 70.00 | |
| 6-in. | 6 | 28 to 30 | Each, \$1.25 | | |
| 6-in. | 6 to 7 | 30 to 36 | Each, 1.50 | | |

Made-Up Kentia Belmoreana.

We have about two hundred plants in 12-inch pots, 3 to 4 plants in a pot, very bushy, shapely plants, from 4½ to 5 feet high, not perfect in some of the foliage, at the same time not badly damaged. We are selling these at \$10.00 each, at which price they are one of the best bargains we have ever offered in decorative stock.

Kentia Sanderiana.

A very nice lot of this beautiful palm.
 Fine plants, in 5-in. pots, 18 ins. high, \$1.25 each
 " " 6-in. pots, 24 " " 1.50 each
 " " 7-in. pots, 36 " " 3.00 each

Latania Borbonica.

A large stock and best values we have ever given in this palm.

| Pots. | Leaves. | In. high. | Doz. | 100 |
|-------|---------|-----------------------|-------------|---------|
| 3-in. | 5 to 6 | 12 to 15 | \$1.00 | \$ 8.00 |
| 4-in. | 5 to 6 | 15 | 2.50 | 20.00 |
| 6-in. | 5 to 6 | 18 to 20 | 6.00 | 50.00 |
| 7-in. | 6 to 7 | 20 to 24 | 9.00 | 70.00 |
| 8-in. | 7 to 8 | 20 to 24 fine plants, | \$1.00 each | |
| 8-in. | 8 to 9 | 24 to 28 | 2.00 each | |

Phoenix Canariensis.

Good decorative plants in tubs 3¼ to 4 feet high, \$6.00 each; 4 to 4½ feet high, \$7.50 each.

Phoenix Rupicola.

A fine lot of specimens in 6-inch pots, about 2 feet high at \$1.50 each.

Rhapis Flabelliformis.

7-inch pots, 38 inches high, with one or two small side shoots, \$2.00 each.

Miscellaneous Decorative Plants.

Aspidistra Lurida.

Strong plants of the green leaved variety, 5-inch pots, 8 to 10 leaves, 50c each; \$5.00 per dozen; \$10.00 per 100.

Aucuba Japonica.

Exceptional values in this hardy decorative plant.
 Each Doz.
 Very bushy plants, 12 to 15 ins. high, \$.30 \$3.00
 " " 18 to 20 " " .40 4.50
 " " 24 " " .60 7.00
 " " 3 feet, 3.00

Box Trees—Standard or Tree Shaped.

Stems 15 inches high, crowns 18 inches in diameter, \$1.25 each.
 Stems 24 inches high, crowns 18 inches in diameter, \$2.00 each.

Box Trees—Pyramid Shaped.

Shapely plants, 3 feet high, 18 inches in diameter, \$2.00 each.
 Shapely plants, 4 feet high, 24 inches in diameter, \$3.50 each.

Bay Trees—Laurus Nobilis.

Standard or Tree Shaped.—All with stems 42 to 45 inches high.

Crowns 24 to 26 inches in diameter, \$6.00 each
 Crowns 26 to 28 " " 7.50 each
 Crowns 30 to 32 " " 10.00 each
 Crowns 36 to 40 " " 15.00 each

Dwarf Standard Bay Trees.

Very attractive, stems from 1½ to 2 feet high with bushy crowns 24 to 26 inches in diameter, \$7.50 each.

Imperial Standard Bays.

An entirely new form; these are really pyramids grown on a stem like an ordinary standard, the stems are about 42 inches high, the pyramidal crown is 4 feet high and from 34 to 36 inches in diameter at base, \$15.00 each.

Pyramidal Shaped Bays.

4½ feet high, 24 ins. in diam. at base, \$ 6.00 each
 5 " 28 to 28 " " 7.50 each
 6 " 30 " " 10.00 each
 6 to 7 " 36 " " 15.00 each

Adiantum Farleyense.

5-inch pots, nicely furnished, \$2.00 per dozen

Cibotium Schiedei.

Good plants in 7-inch pots, \$2.00 each

Boston Ferns.

Elegant plants in 8-inch pots, \$1.00 each
 Elegant plants in 12-inch pots, 2.00 each

Scottii—New Boston Fern.

Fine plants in 6-inch pots, \$1.25 each

Pandanus Veitchii.

Nicely colored plants in 6-inch pots, \$1.00 each

Pandanus Sanderi.

Splendid specimens in 9-inch pots, \$3.50 each
 Splendid specimens in 10-inch pots, \$5.00 each

Araucaria Excelsa Glauca.

6 inch pots, 16 to 18 ins. high, 3 tiers, \$1.50 each
 8-inch pots, 22 to 24 ins. high, 4 to 5 ins. 2.00 each

Plants for Forcing.

Azaleas for Easter.

On account of Easter this year coming so very late (April 23rd) a season of the year when our regular spring shipments demand our full attention, we have decided not to carry a supply of Azaleas until then, but to close out our entire stock as quickly as possible; therefore, customers who usually procure their supplies late in the spring will do well to cover their needs at once. The principal sorts now in stock are Mme. Van der Cruysen and Bernhardt Andreas Alba, the two best late flowering sorts of their color; these two varieties can be furnished in any proportion desired, but the selection of other varieties must be left to us. We will still supply early orders at import prices.

| | Per doz. | Per 100 |
|----------------------|----------|---------|
| 12 to 14 inch crowns | \$6.00 | \$45.00 |
| 14 to 16 inch crowns | 7.00 | 55.00 |
| 16 to 18 inch crowns | 12.00 | 100.00 |

Azalea Mollis.

For early and late forcing Azalea Mollis is rapidly gaining favor, easily forced at a minimum cost for heat and labor. They are profitable stock for the retailer to handle. We are supplying at present an unusually fine grade of plants 15 to 18 inches high and covered with flower buds, \$4.50 per dozen; \$35.00 per 100.

Deutzias for Forcing.

Strong two-year-old field-grown plants suitable for 6 inch pots.

| | Per doz. | Per 100 |
|------------------|----------|---------|
| Craclis | \$.75 | \$6.00 |
| Craclis Rosa | 1.00 | 8.00 |
| Craclis Lemoinei | 1.00 | 8.00 |

Forcing Lilacs.

A fine lot of pot-grown plants, well set with buds and in prime condition for forcing, \$6.00 per dozen, \$45.00 per 100.

Rhododendrons for Forcing.

These are being used more extensively every season, and this year with Easter at such a very late date should prove especially acceptable, as they can be retarded much easier than Azaleas and at the same time may be flowered at just the right moment at a minimum cost. We are carrying an extra large stock of bushy, well shaped plants 16 to 18 inches high, covered with buds, \$9.00 per dozen; \$70.00 per 100. Larger plants 20 to 24 inches high, fine specimens, \$11.00 per 100; \$90.00 per 100.

HENRY A. DREER, Philadelphia, Pa.

Our Pastimes

Announcements of coming contests or other events of interest to our bowling, shooting and sporting readers are solicited and will be given place in this column.

Address all correspondence for this department to J. H. Pepper, 42 West 28th St., New York; Robt. Kift, 1725 Chestnut St., Philadelphia; or to the American Florist Co., Chicago.

At Chicago.

The Florists' Club League race continues at Thompson's alleys, with weekly sessions. The Lambros team now has a comfortable lead with the Winterson teammates close behind. The scores of the last series with the standing of the clubs follow:

| WINTERSON. | | | |
|-----------------|-----|-----|-----|
| PLAYER. | 1st | 2d | 3d |
| Scott | 163 | 152 | 142 |
| Pruner | 118 | 132 | --- |
| Hagge | 151 | 138 | 135 |
| Winterson | 129 | 95 | 121 |
| Stevens | 148 | 192 | 187 |
| Total | 769 | 709 | --- |

| LAMBRUS. | | | |
|---------------|-----|-----|-----|
| PLAYER. | 1st | 2d | 3d |
| Lambros | 188 | 146 | 146 |
| Huehner | 131 | 118 | 152 |
| Benekos | 135 | 158 | 156 |
| Matias | 117 | 93 | 108 |
| Venson | 194 | 126 | 245 |
| Total | 745 | 641 | 807 |

| HAUSWIRTH. | | | |
|-----------------------|-----|-----|-----|
| PLAYER. | 1st | 2d | 3d |
| P. J. Hauswirth | 120 | 178 | 155 |
| Kreitling | 187 | 125 | 113 |
| Klunder | 113 | 137 | 121 |
| Balluff | 169 | 192 | 138 |
| Total | 589 | 632 | 507 |

| ASMUS. | | | |
|------------------|-----|-----|-----|
| PLAYER. | 1st | 2d | 3d |
| Bergman | 159 | 136 | 131 |
| Pasternick | 137 | 135 | 117 |
| Buxton | 130 | 129 | 128 |
| Asmus | 193 | 159 | 168 |
| Total | 619 | 559 | 544 |

| Team | Won | Lost | Percentage |
|-----------------|-----|------|------------|
| Lambros | 15 | 3 | 83 1/3 |
| Winterson | 10 | 8 | 55 1/6 |
| Asmus | 6 | 12 | 33 1/3 |
| Hauswirth | 5 | 13 | 27 1/8 |

The ladies bowled the same evening at Kinsley's alleys, with the following results:

| LADIES. | | | |
|-----------------------|-----|-----|-----|
| Player | 1st | 2d | 3d |
| Mrs. Kreitling | 100 | 101 | 113 |
| Mrs. Scott | 168 | 110 | 119 |
| Mrs. Winterson | 69 | 81 | 93 |
| Mrs. Hauswirth | 79 | 143 | 106 |
| Mrs. Lambros | 55 | 76 | 89 |
| Miss Schoenthal | 79 | 94 | 55 |
| Mrs. Asmus | 102 | 108 | 124 |

At New York.

A match between the Florists' Bowling Club and the florists of Hoboken, N. J., was played on the New York alleys Thursday evening, December 1, the victory falling to New York by 28 pins. The

Jersey men were ably handled by John Birnie, while Joe Fenrich captained the New York team. After the match an excellent lunch was served and the short remainder of the evening enjoyably spent. Following are the scores:

| HOBOKEN. | | | |
|-------------------|-----|-----|-----|
| Player. | 1st | 2d | 3d |
| W. Marshall | 109 | 120 | --- |
| C. Dietz | 132 | 116 | --- |
| C. Englen | 115 | 153 | --- |
| M. Hansen | 118 | 158 | --- |
| W. Outy | 178 | 166 | --- |
| L. Hansen | 111 | 95 | --- |
| J. A. Mauda | 148 | 129 | --- |
| Total | 921 | 937 | --- |

| NEW YORK. | | | |
|-------------------------|-----|-----|-----|
| Player. | 1st | 2d | 3d |
| A. S. Burns | 122 | 140 | --- |
| F. H. Traendly | 119 | 132 | --- |
| Phil Kessler | 138 | 137 | --- |
| W. H. Siebrecht | 137 | 146 | --- |
| J. A. Shaw | 137 | 118 | --- |
| S. S. Butterfield | 98 | 145 | --- |
| J. Fenrich | 124 | 133 | --- |
| Total | 935 | 951 | --- |

At Boston.

W. W. Rawson & Company's team woke up and took one game from R. & J. Farquhar & Company in the regular match game of the Seed Trade bowling league Monday, December 5. It was one of the most exciting matches of the season, and Rawson earned a well deserved victory, pulling themselves out of many tight places. They give promise of giving the rest of the teams a hard run for their money in the matches to follow. Jenner, of Farquhar, continues to be high man for his team, while Chenery, of Rawson, holds the same honors for his team. The next match will be rolled Monday, December 12, between W. W. Rawson & Company and Schlegel & Fottler Company. The scores follow:

| R. & J. FARQUHAR COMPANY. | | | | |
|---------------------------|-----|-----|-----|------|
| Player | 1st | 2d | 3d | T'l |
| Davey | 83 | 76 | 77 | 236 |
| Hardman | 71 | 75 | 81 | 227 |
| Porter | 79 | 72 | 72 | 223 |
| McDemott | 91 | 66 | 74 | 231 |
| Jenner | 92 | 91 | 79 | 262 |
| Team totals | 416 | 386 | 383 | 1179 |

| W. W. RAWSON. | | | | |
|-------------------|-----|-----|-----|------|
| Player | 1st | 2d | 3d | T'l |
| Chenery | 93 | 76 | 76 | 245 |
| Taylor | 62 | 81 | 72 | 215 |
| Warren | 82 | 76 | 72 | 230 |
| Clark | 61 | 69 | 74 | 204 |
| Perry | 78 | 82 | 62 | 222 |
| Team totals | 379 | 380 | 358 | 1119 |

December.

The train of months is passing, and beneath the low, pale sun December wheels across the ken or vision of the race.

"Dull sky above, dead leaves below;
And hungry winds that whining go
Like faithful hounds upon the track
Of one beloved that comes not back."

And in the dreary solitude of the season the mind reverts to the budding boughs of spring, the roseate wreath of summer or the overflowing fullness of autumn's golden horn, and then pensively

views the eddying whirl of dry, dead leaves—all that remain of the glory that was May and the grandeur that was June. But all this is sentiment, and in the rush and hurry of the times sentiment occupies a beggarly space; is reserved for the sole use of poets and moon-struck lovers.

December of this year will not materially differ from that of other years. The thermometer will run low, coal bills will mount high, overcoats, leggings and woolen underwear will be in brisk demand and hats will be generally dropped from the list of necessities. The children will dream of Santa Claus and mico will ride on the nightmare of deb's due on January 1. Maids will dream of vine-clad cottages, while their lovers will do a Sherlock Holmes stunt in trying to mark the course of their summer wages, which melted away in ice cream sodas or whirled noiselessly down the pike in a rubber-tired rig. The man who slid into office on the late "landslide" will sing in the ear of the blizzard, but the unfortunate fellow who fell on the firing line will sigh for the bright coin he dropped into the slot of the political machine. The tax dodger will seek an exit for his cash and weave a new tale of woe for the assessor's ear. True to an ancient custom, men will sift their bosoms for faults and failings, which same they will duly "swear" away on New Year's day in the morning.

Yea, verily, there is nothing new under the sun, and the old month which begins to-day will be very much like others of its name that now slumber on the shady shelves of old time's vast Valhalla. — *Williamsburg (Va.) Journal-Tribune, December 1, 1904.*

The Rubber Plant a Factor.

Subbubs—Do you really have to move? Backlotz—Yes, indeed, our parlor is too small.

Subbubs—Why, it seemed to be big enough for you heretofore.

Backlotz—Yes, but we've had our rubber plant out all summer and it's grown so beautifully our present parlor's entirely too small for it. — *Philadelphia Press.*

Laurel Wreathing for Xmas.

Well made, bright green leaves, 25 yards in a bundle, \$3.00 per 100 yards. Our best grade, \$5.00 per 100 yards, crated, f. o. b. Selected loose laurel 100 lb. crate net \$2.50. We have been making greens ten years and guarantee satisfaction. Cash with order.

L. POPE & SON, Florists,
BARNESBORO NEW JERSEY.

GALAX, FERNS, ETC.

Bronze Galax @ 60c per 1000
Green Galax @ 60c per 1000
Cut Fancy Ferns @ \$1.00 per 1000
Cut Dagger Ferns @ 1.00 per 1000
Cut Leucothoe Sprays @ 3.00 per 1000
Cut Rhododendron Sprays @ 4.00 per 1000
First-class and fresh from patch. Cash with order.

J. N. PRITCHARD, Elk Park, N. C.

GALAX LEAVES AND Leucothoe Sprays.

J. G. LOVEN, Montezuma, N. C.

CHRISTMAS Greens.

HOLLY Well berried, 2x2x4 foot cases, \$2.50 per case.

WILD SMILAX 50 pound cases, \$3.00 per case. 30 pound cases, 1.75 per case.

LONG NEEDLE PINES "The weeping kind" per dozen, \$1.25. "The weeping kind" 3 dozen for \$3.00

MAGNOLIA FOLIAGE Very fine for making wreaths, 30 pound case only \$1.00.

Low Express. Prompt Shipment. Terms, Cash.

Enterprise Wild Smilax Co.,
EVERGREEN, ALA.



GATHERING MISTLETOE IN THE SOUTH Chicago Tribune.
(The darky gathers mistletoe with the leisurely movements that characterize the race.)

SPECIAL CHRISTMAS OFFER.

Southern Decorative Evergreens



CALDWELL THE WOODSMAN.

The man that gave you the Wild Smilax.

CURRENT PRICES:

Southern Wild Smilax.

Packed in six different sizes.

| Weight. | Covers | |
|----------------|------------------------|--------|
| No. 1, 15 lbs. | 100 sq. ft. wall space | \$1.00 |
| No. 2, 20 lbs. | 200 " " | 1.50 |
| No. 3, 25 lbs. | 300 " " | 2.00 |
| No. 4, 35 lbs. | 400 " " | 2.50 |
| No. 5, 40 lbs. | 500 " " | 2.75 |
| No. 6, 50 lbs. | 600 " " | 3.00 |

WE OFFER

1 case No. 6 Southern Smilax.

1 dozen Chamaerops Palm Crowns, assorted sizes.

25 Long Needle Pines, assorted sizes, extra selected.

50 Cut Sabal Palm Leaves.

1 case No. 6 Holly.

50 Cut Chamaerops Palm Leaves

For \$10.00, cash with order. Half the abovelist will be sent for \$6.00.

Magnolia Foliage.

Beautiful evergreen, fine for making wreaths that sell well at Xmas, and for decorating. Packed in same size cases as Wild Smilax, containing from 100 to 600 sprays. Same price per case.

Long Needle Pines.

Splendid selling for church and house decorations at Christmas season. Stand lots of handling; will not wilt, fade or shop-wear easily; selected stock; ends of stems covered with tin foil. Price, per doz., assorted sizes, 3 to 5 feet, \$1.50; per 100, \$8.00; per 1000, \$75.00.

Chamaerops Palm Crowns.

Invaluable for all kinds of decorations and always in demand. Our stock is extra fine, and we can supply mammoth specimens up to 10 feet high. Price per doz., assorted sizes 3 to 6 feet, \$3.00; weight per dozen packed 40 lbs. Extra large specimens, 7 to 10 feet, 50c to \$1.00 each.

Chamaerops Palm Leaves.

We are cutting extra large long-stemmed leaves, the finest we have had in years. Price; \$2.50 per 100.

Sabal Palm Leaves.

Ranging in size from 24 to 48 inches in width, stems 2 to 3 feet long \$2.50 per 100. Weight 40 lbs.

Holly.

While the crop of Delaware Holly is reported short and of very poor quality (see AMERICAN FLORIST Nov. 15) we have one of the finest crops we have had in years. And we wish to say that no finer stock can be gotten than we can supply. Large or small branches, as you wish, 16 cubic foot cases solidly packed, \$5.00, freight paid to your door; ¼ cases \$3.00.

Mistletoe.

Mistletoe is in greater demand every year. Ours is the finest on the market.

Caldwell's Druid Brand. Quality, not quantity. Price, 5 lbs., \$2.00; 10 lbs., \$4.00; 25 lbs., \$7.00.

Galax Leaves, green or bronze, per 1000 \$1.00

Fancy Ferns, per 1000..... 1.00

Dagger Ferns, " 1.00

Leucothoe Sprays, " 5.00

" per 100. 1.00

Sheet Moss, \$1.00 per bale of 100 square feet.

Grey Moss, \$2.00 per sack of 25 lbs

CALDWELL THE WOODSMAN CO., INCORPORATED, Evergreen, Ala.

"The Early Bird Catches the Worm." Order Now. We Ship When You Say The Word.



OUR LINE OF HOLIDAY DECORATION

Stock was never more Complete
or of better Quality.

Selected DELAWARE HOLLY, Lake Picked BOUQUET GREEN,

**HAND MADE Evergreen Wreathing,
all grades.**

**Well Berried Mistletoe, Christmas Red Berries,
Wild Smilax, Immortelles,
Cape Flowers, Christmas Bells, Etc., Etc.**

Illustrated Price
List mailed Free.
It will be worth
your while to get a
copy before buy-
ing elsewhere.

Christmas Cut Flowers

We are preparing to take care of your needs. Write us now with a list of probable wants and we will give you a line on the probabilities of the market.

A DAILY SHIPMENT FROM 40 TO 50 GROWERS.

E. F. WINTERSON CO.

45-47-49 Wabash Avenue,

CHICAGO.

B. & A. Specialties.

AZALEAS. CHRISTMAS BLOOMING.

Deutsche Perle (white) Prof. Wolters,
Simon Mardner (red) Ber. Andrea Alba,
Vervaneana (pink) Schryveriana, Niabe,
Van der Cruysen, Emperor of Brazil,
Empress of India, Chicago, and others.

| | Per doz. | Per 100 |
|----------------------------|----------|---------|
| 10-12 inches diameter..... | \$ 4.00 | \$35.00 |
| 12-14 inches diameter..... | 6.00 | 45.00 |
| 14-16 inches diameter..... | 7.50 | 60.00 |
| 16-18 inches diameter..... | 9.00 | 75.00 |
| 18-20 inches diameter..... | 12.00 | 90.00 |
| 20-24 inches diameter..... | 25.00 | 200.00 |
| 24-28 inches diameter..... | 36.00 | 300.00 |

ACACIA ARMATA OR PARADOXA.

| | Per doz. |
|--------------------------------|----------|
| Pot-grown and well budded..... | \$10.00 |
| 18-24 inches..... | 12.50 |
| 2-3 feet, extra fine..... | 12.50 |

ROSES

H. P. varieties, 2 year old, low budded, extra strong. \$12.00 per 100. pink, \$12.00 per 100.

Dutch, French, Japanese and Chinese Bulbs.
ASK FOR SURPLUS LIST.

See catalogue for Palms, Bay Trees, Evergreens,
Shrubs, Ornamental Trees and other stock.



Send to **THE MOON**
Company
For Trees, Shrubs, Vines
Your and Small Fruits.

Descriptive Illustrated Catalogue Free
THE WM. H. MOON CO.
Morrisville, Pa.

Peonies....

A very select assortment; more than 150 choice varieties, containing the best standard kinds.

HARDY ORNAMENTAL NURSERY STOCK in great variety at low prices. Ask for Wholesale Trade List.

J. DYKHUIS & CO., BOSKOOP, HOLLAND.

The Storrs & Harrison Co.

PAINESVILLE NURSERIES.
CATALOGUES AND PRICE LISTS
FREE ON APPLICATION.....

Painesville, Ohio.

HAERENS EXOTIC NURSERIES

SOMERCEM, CHENT, BELGIUM.

Furnish **PALMS, ARAUCARIAS, BAY TREES, FICUS** and other decorative plants for 1905 Spring delivery, in prime quality, carefully packed. For trade list address the American Agents

August Rölker & Sons
31 Barclay St., P. O. Box 752, NEW YORK.

TREES and SHRUBS.

FINE VARIETIES. LOW PRICES.

For both Wholesale and Retail Trade. Send for catalogue.

Peterson Nursery, Lincoln & Peterson Aves.,
CHICAGO ILL.

LAYS 'EM OUT.

Springfield, Ill.

The Fumigating Kind Tobacco Powder arrived O. K. It certainly lays out the green fly.

See page 861.

Our Advertising Columns Do Business.

AMERICAN FLORIST CO.—Please discontinue my advertisement. I have gotten more customers than I can supply since advertising in your paper.

JOHN WOLF.

BOXWOOD, PYRAMIDAL.

| | Each |
|------------------------------------------------------------------|------------------------|
| 15-18 inches..... | \$.50 |
| 18-24 inches..... | .75 |
| 2 feet..... | 1.00 |
| 2½ feet..... | 1.50 |
| 3 feet..... | 2.00 |
| 3½ feet..... | 2.50 |
| 4 feet..... | 3.50 |
| 5 feet..... | 4.00 |
| 5-6 feet high, nicely shaped..... | per pair \$10 to \$15. |
| For window boxes, bushy plants, 25c, 35c, 50c, 65c and 75c each. | |

CALLAS.

| | Per 100 |
|-------------------------|---------|
| Fine blooming size..... | \$4.50 |
| Selected size..... | 6.50 |
| Mammoth size..... | 8.50 |

SINGLE TUBEROUS ROOTED BECONIAS.

| | |
|----------------------------------|------|
| 5 colors separate, 1st size..... | 3.00 |
| 5 colors separate, 2d size..... | 2.00 |

POT-GROWN SHRUBS FOR FORCING.

The following are all handsome, bushy well grown plants, well budded, and will prove a profitable investment to any one. Plants are all 2½ to 3½ feet.

| | |
|-----------------------------------------------------------------|-----------------|
| Acor Nigundo variegata..... | Per doz. \$6.50 |
| Maman Cochet, strong 2 year old, white and | |
| RHODODENDRONS, \$6.00, \$9.00, \$12.00, \$15.00 per doz. | |

Bobbink & Atkins,

NURSERYMEN
AND FLORISTS

RUTHERFORD, NEW JERSEY.

Spiraea

JAPONICA.....
COMPACTA and ASTILBOIDES.....

| | Per 100 | 1000 |
|-------------|---------|---------|
| picked..... | \$4.50 | \$40.00 |
| clumps..... | 5.00 | 45.00 |

GLADIOLUS

COLVILLII, The Bride, white.....
RUBRA, pink.....

| | | |
|-------|-----|------|
| ..... | .75 | 5.50 |
| ..... | .60 | 4.75 |

ARTHUR T. BODDINGTON,

SEEDS, BULBS, PLANTS,
342 West 14th St., NEW YORK.

For Fall Trade.

WE OFFER AN IMMENSE STOCK OF

WIER'S CUT LEAF MAPLES, TULIP TREES,
AZALEA INDICA (Home Grown),
GARDENIAS,
MAGNOLIA GRANDIFLORA,
ORANGES and LEMONS (Grafted),
RUBBERS, KENTIAS, LATANIAS,
CHAMAEROPS, PHOENIX and a
GENERAL LINE OF NURSERY STOCK.

All Healthy and Clean Send for prices,

P. J. BERCKMANS CO., Inc.,

Fruitland Nurseries, Augusta, Ga.

BABY RAMBLER

The New Rose

Strong dormant plants for December
delivery. \$4.50 per dozen;
\$35.00 per 100.

James Vick's Sons,

ROCHESTER, N. Y.

W. van Kleef & Sons,

Wholesale Growers of all
kinds NURSERY STOCK.

BOSKOOP, HOLLAND,

Catalogue free on demand. No Agents. Please
inspect our nurseries when in Europe. No agents.

BAYS.

JULIUS ROEHRS,
RUTHERFORD, N. J.

Free on Board (f.o.b.) ST. Louis
ARID-CLIMATE

Rose Bushes

FIELD-GROWN. OWN ROOTS.

Write for printed prices and list of varieties.
Choice assortment leading kinds.
Spring shipments only.

CHASE ROSE CO.

(Incorporated.)

RIVERSIDE, CALIFORNIA.

Philadelphia Rambler.

Flowers brighter and much more durable
than Crimson Rambler, strong grower,
blooms earlier and does not bleach out.

Field plants, 2 to 3 ft., \$2.00 per doz.; \$15.00 per 100

Field plants, 3 to 4 ft., \$3.00 per doz.; \$30.00 per 100

The Conard & Jones Co., WEST GROVE, PA.

Jacs Smits, Ltd. NAARDEN.

(BRANCH AT BOSKOOP.)

Wholesale Growers of Hardy Fancy,
nursery stock, pot-grown forcing plants. Lilacs
a specialty. Berlin and Hamburg Valley—the
best quality. Catalogue free on demand.

When in Europe please inspect our nurseries.
NAARDEN-BUSSUM, near Amsterdam, is our R. R. Depot.

When in Europe come and see us and inspect our
extensive Nurseries. Gouda is our railroad depot.

HARDY, FANCY ORNAMENTAL NURSERY STOCK.

J. Blaauw & Co.,

BOSKOOP, HOLLAND.

Catalogue free on demand. Headquarters for the
famous Colorado Blue Spruces, purest, bluest strain

Munson Nurseries.

New catalogue now ready. "Can't buy trees
right without it." Get it of

T. V. MUNSON & SON, Denison, Tex.

The **MUNSON GREENHOUSES.** Cut flowers
and Bedding Plants for retail trade.
WILL B. MUNSON, Denison, Tex.

—FOR— CHRISTMAS

IN EFFECT

December 19, 1904.

WHOLESALE CUT FLOWERS

American Beauties of the best quality and largest quantity. Take all orders you can and send **your** order to me. I have the Beauties and the best stock in Chicago. I will have plenty of fine Tea Roses—will please the most particular buyer. My large supply of Carnations are of the best in the market. Send me your order and it will be filled with the right stock.

PRICE LIST.

Notice: When you Order Beauty Roses by wire use the alphabet.

| AMERICAN BEAUTIES. | | Per Doz. | ROSES. | | Per 100 |
|----------------------------------|--|----------|-----------------------------------------------------------------------------------------------------|----------|-------------------|
| Select, 36-inch or longer—X..... | | \$12.00 | Maid..... | | \$8.00 to \$15.00 |
| " 30 to 32-inch—A..... | | 10.00 | Bride..... | | 8 00 to 15.00 |
| " 28-inch—B..... | | 9 00 | Golden Gate..... | | 8 00 to 15.00 |
| " 24-inch—C..... | | 8.00 | Meteor..... | | 8 00 to 15.00 |
| " 21-inch—D..... | | 7.00 | Ivory..... | | 8 00 to 12.00 |
| " 18 inch—E..... | | 6 00 | Liberty, extra fancy..... | | 8.00 to 15 00 |
| " 15-inch—F..... | | 5 00 | Liberty, extra fancy..... | per doz. | 2.50 to 3.00 |
| " 12 inch—G..... | | 3 00 | The above price for select stock; when cheaper stock is wanted it can be supplied for 4c and 6c. | | |
| " 10-inch—H..... | | 2.00 | CARNATIONS. | | Per 100 |
| " 8-inch—S..... | | 1.50 | Pink and White, our selection..... | | \$4 00 |
| Short Stem—M..... | | 1.00 | Red, Pink and White, fancy..... | | 6.00 |
| | | | Red, Pink and White, extra fancy..... | | 8 00 |

NOTICE—No complaints will be entertained, when the cheapest grades are ordered such as our selection in Carnations and the cheaper Roses, we use our best judgement in selecting. If sold out will send next best grade.

No Charge for Boxes. All other
Flowers and Green Goods Supplied.

GEORGE REINBERG

51 Wabash Avenue, CHICAGO, ILL.

CARNATIONS

...ROOTED CUTTINGS...

ECLIPSE—Our 1905 introduction. A pink carnation, lighter in color than Lawson and of a more even and bright shade of pink. No objectionable shadings or bleachings. A strong, free growth, large flowers on long stiff stems and early and continuous flowering.

FIANCEE—A most pleasing shade of medium pink. No carnation has ever equaled the number of awards received by this variety.

CARDINAL—Brilliant scarlet. A great improvement over Estelle.
FRED BURKI—Pure white.

The above four varieties, \$12.00 per 100; \$100.00 per 1000.

RICHMOND GEM—Scarlet. \$10.00 per 100; \$75.00 per 1000.

Lady Bountiful AND The Belle

The two best commercial white carnations of the present day. Both have received honors over competitors at the fall exhibitions. We have large stocks of these two varieties which are already in great demand. Do not delay in placing your order for early delivery. \$6.00 per 100; \$50.00 per 1000; \$112.50 per 2500.

WHITE LAWSON—\$7.00 per 100; \$60.00 per 1000.

FLAMINGO, NELSON FISHER and MRS. M. A. PATTEN, \$6.00 per 100; \$50.00 per 1000.

CRUSADER, INDIANAPOLIS, JUDGE HINSDALE and THE PRESIDENT—\$5.00 per 100; \$40.00 per 1000.

ENCHANTRESS—\$3.00 per 100; \$25.00 per 1000.

In addition to the above we can supply twenty-five of the best standard sorts, varieties that are profitable to grow.

Our preliminary Price List will be sent on application. We are pioneers in the carnation line and our facilities for rooting and handling cuttings are nearly perfect due to our long experience.

F. DORNER & SONS CO.

LA FAYETTE, IND.

RED SPORT = OF = MACEO

The New "Bread and Butter" Red Carnation.

General Maceo Carnation is known the country over as the most prolific, healthy and easiest doer, with the hardiest constitution of any Carnation that was ever introduced. We have a brilliant "Crane" Red Sport of this variety, now in its fourth year, that retains all the characteristics of the old variety except color. Growing side by side, it will be noticed that **RED SPORT** has a little stiffer stem, a larger flower and a heavier growth than the old variety.

WHAT WE CLAIM FOR "RED SPORT."

RED SPORT will produce as many blooms to the square foot of bench room as any other variety, of any color, ever introduced.

RED SPORT is an early and continuous bloomer that produces its heaviest around the Christmas holidays and during the Winter months when reds are in demand.

RED SPORT does not split; in fact we have never seen a split calyx on it.

Every bloom is of a brilliant "Crane" red color, just the shade to show to best advantage under artificial light.

It will travel farther and keep longer than any other red to date. Blooms shipped to Chicago have kept a week in perfect condition after they were received.

RED SPORT is not large enough to be classed as a fancy, but the color, form and stem are all so good that it sells at sight.

This variety brought \$6.00 per 100 all last January in Washington City.

The flower with ordinary culture is 2¼ to 3¼ inches across, on wiry stems, 18 to 26 inches in length, that well support the bloom.

The plant makes no superfluous grass; is an upright grower, and can be planted close.

RED SPORT is perfectly healthy, and is entirely free from all forms of disease.

RED SPORT is highly recommended, without exception, by every florist who has seen it growing.

Do not take our word for it; come and see **RED SPORT** growing and be your own judge. We are only an hour and a half out from Washington on the Bluemont Division, Southern Railway, with four trains each way daily. Write, 'phone or wire and our carriage will meet you at station.

We have a large stock from which to select cuttings, and every cutting sent out will be grown cool, and rooted without bottom heat, and will make a good healthy plant.

As we are offering a strictly commercial variety, suited to the need of the average florist, or grower who wants a red that will produce good bloom in paying numbers in the Winter months, we propose to offer it at a popular price, that will enable the grower to buy it in quantity.

PRICE FOR JANUARY, 1905, DELIVERY (Orders Booked Now):

12 for \$1.50, postpaid; 25 for \$2.50, postpaid; 50 for \$4.00, postpaid; 100 for \$6.00; 1,000 for \$50.00; 5,000 for \$237.50; 10,000 for \$450.00.

We guarantee all stock sent out to be well-rooted and to arrive in good condition.

A. B. DAVIS & SON CARNATION SPECIALISTS PURCELLVILLE, VA.

ESTABLISHED 1866.

CHRISTMAS GREETINGS

FROM

Wietor Brothers,

WHOLESALE GROWERS OF
CUT FLOWERS

51 Wabash Ave., CHICAGO.

Christmas Price List.

| American Beauty | Per doz. |
|----------------------|----------|
| Extra long stem..... | \$12.00 |
| 30-inch stem..... | 10.00 |
| 24-inch stem..... | 8.00 |
| 20-inch stem..... | 6.00 |
| 15-inch stem..... | 4.00 |
| 12-inch stem..... | 3.00 |
| 8-inch stem..... | 1.50 |

Per 100

| | |
|---------------------------|----------------|
| BRIDE..... | 12.00 to 15.00 |
| BRIDESMAID..... | 12.00 to 15.00 |
| METEOR..... | 12.00 to 15.00 |
| LIBERTY..... | 12.00 to 20.00 |
| GOLDEN GATE..... | 12.00 to 15.00 |
| IVORY..... | 12.00 to 15.00 |
| CHATENAY..... | 12.00 to 15.00 |
| ROSES, our selection..... | 8.00 |
| CARNATIONS, fancy..... | 5.00 to 6.00 |
| “ good..... | 4.00 |

Per doz.

| | |
|-----------------------|--------------|
| CHRYSANTHEMUMS, white | 2.50 to 3.00 |
|-----------------------|--------------|

ALL OTHER STOCK AT LOWEST
MARKET RATES.



WITH one of the largest ranges of glass in the world, devoted exclusively to cut flowers, we produce first grade stock in such large quantities that there is no question of our ability to fill orders at all times. Stock picked out for all shipping orders before sales are made to city buyers. Get your order in early and you'll get what you want.

Beauties,

Roses,

Carnations,

Chrysanthemums.

Good cuts now on in all lines. Our stock never looked better. American Beauty with us is Unsurpassed. Of these we have 60,000 plants. The choicest quality of Bride, Bridesmaid, Meteor and Liberty. Let the grower handle your Christmas wants and get fresh stock at lowest rates.

MERRY CHRISTMAS.

WIETOR BROS., 51 Wabash Ave., Chicago.

For CHRISTMAS

We Can be Relied on for

FINE AMERICAN BEAUTY **ROSES**
 BRIDE, BRIDESMAID
 LIBERTY, and Other Varieties.

All Orders Completely
 Filled.

Prompt Shipments.

No Disappointments
 When You Deal With Us.

Fresh Stock Always.

FANCY CARNATIONS IN THE LATEST
 INTRODUCTIONS.

CHRYSANTHEMUMS in fine grades
 and all other Seasonable
CUT FLOWERS.

SMILAX, ASPARAGUS and other **GREENS.**

LEO. NIESSEN CO.

1217 Arch Street, PHILADELPHIA, PA.

— THE SENSATIONAL CARNATION —

FIANCEE

Clear, soft pink. We are now booking orders for strong, rooted cuttings, March delivery.
 \$12.00 per 100; \$100.00 per 1000.

THE CARDINAL

The Coming Scarlet. Winner of 1st prize 100 scarlet at American Carnation Society, Detroit, last March. Rooted Cuttings, January delivery, \$12.00 per 100; \$100.00 per 1000.

THE GREAT WHITE LAWSON

Rooted Cuttings, now ready, \$7.00 per 100; \$60.00 per 1000.

CHICAGO CARNATION CO., Joliet, Ill.

POEHLMANN

CHICAGO and ST. LOUIS

AT

Chicago

11 ENTRIES

and

11 FIRSTS

At the Chicago Show

FIRST ON BEAUTY, GOLDEN GATE, BRIDE,
BRIDESMAID, PERLE, CHATENAY.

At St. Louis

At the Great World's Fair Flower Show, where the entries
numbered from 6 to 10 in almost every class, including entries
from the best Cut Flower growers in the United States:

ROSES Six Entries Six Premiums

1st on.....100 American Beauties
1st on.....100 Bridesmaid
1st on.....100 Bride

1st on.....100 Golden Gate
1st on.....Collection 8 Varieties
2nd on.....100 Chatenay

Christmas Price List:

| AMERICAN BEAUTY— | | Per doz. | LIBERTY, Extra select..... | | Per 100 | SUNRISE, Select..... | | Per 100 |
|------------------------------|-----------------|-----------------|----------------------------|--------------------------|------------------|----------------------|-----------------------------------|----------------|
| Extra long stem..... | \$12.00 | | " | Select..... | 25.00 | " | Medium..... | 10.00 to 15.00 |
| 36-inch stem..... | 10.00 | | " | Good..... | 20.00 | " | PERLE..... | 6.00 to 8.00 |
| 30-inch stem..... | 9.00 | | " | Medium..... | 15.00 | " | CARNATIONS..... | 6.00 to 10.00 |
| 24-inch stem..... | 8.00 | | " | Short stem..... | \$8.00 to 12.00 | " | " | 5.00 to 6.00 |
| 20-inch stem..... | 6.00 | | " | BRIDESMAID, Special..... | 6.00 | " | Fancy..... | 8.00 |
| 18-inch stem..... | 5.00 | | " | " | 20.00 | " | ASPARAGUS, sprays..... | 4.00 |
| 15-inch stem..... | 4.00 | | " | Select.... | \$10.00 to 15.00 | " | Strings, 50c to 60c per doz. | |
| 12-inch stem..... | 3.00 | | " | Medium. | 6.00 to 8.00 | " | Sprengeri..... | \$3.00 to 4.00 |
| Short stem..... | \$1.50 to 2.00 | | " | BRIDE, Select..... | 10.00 to 15.00 | " | STEVIA..... | 2.00 |
| | | Per 100 | " | Medium..... | 6.00 to 8.00 | " | VALLEY, ROMANS..... | \$3.00 to 4.00 |
| CHATENAY, Extra Special..... | \$25.00 | | " | UNCLE JOHN, Select... | 10.00 to 15.00 | " | NARCISSUS..... | 4.00 |
| " | Select..... | 20.00 | " | Medium. | 6.00 to 8.00 | " | SMILAX, \$1.50 to \$2.00 per doz. | |
| " | Good..... | 15.00 | | | | | | |
| " | Medium..... | \$8.00 to 12.00 | | | | | | |
| " | Short stem..... | 6.00 | | | | | | |

ALL OTHER STOCK AT MARKET PRICES.

If you want the best stock the market affords, now you know where to get it.

Let us have your Standing Order
and supply your

Special Needs for the Holidays

POEHLMANN BROS. CO.

35-37 Randolph Street,

Long Distance Telephone
Central 3573.

CHICAGO.

GREENHOUSES: Morton Grove, Ill.

600,000 Feet of Glass.

DEAMUD....

Is Headquarters for

WILD SMILAX

Plenty of It **ALWAYS** on Hand.

ALL NOVELTIES AND SPECIALTIES
IN THE CUT FLOWER LINE.

J. B. DEAMUD,
WHOLESALE FLORIST,

51 Wabash Avenue,

CHICAGO.

C.W. McKELLAR

51 Wabash Ave. Long Distance 'Phone CHICAGO.
Central 3598.

—HEADQUARTERS FOR—

ORCHIDS

CHRISTMAS NOVELTIES.

HOLLY. GREEN.

WREATHING. BELLS.

IMMORTELLS,

BERRIES. ILEX.

CAPE FLOWERS.

SEND FOR COMPLETE LIST OF ALL XMAS GREENS AND NOVELTIES.

CHRISTMAS PRICE LIST.

SUBJECT TO CHANGE WITHOUT NOTICE.

ORCHIDS a specialty.

| | Per doz. |
|-------------------------------------|-----------------|
| Cattleyas..... | \$6.00 to 12.00 |
| Dendrobium Formosum..... | 4.00 to 6.00 |
| Cypripediums..... | 2.00 to 3.00 |
| Ass't Orchids.....per box | 5.00 to 25.00 |
| BEAUTIES, Extra Fancy..... | 12.00 |
| " 24 to 36-in. stems..... | 8.00 to 10.00 |
| " 15 to 24-in. stems..... | 5.00 to 8.00 |
| " 8 to 12-in. stems..... | 1.50 to 3.00 |
| Brides, Bridesmaids, Kaiserins..... | 8.00 to 15.00 |
| Poinsettias..... | 3.00 to 6.00 |

| | Per 100 |
|------------------------------|-------------------|
| Chatenay, Ivory..... | \$3.00 to \$15.00 |
| Liberty..... | 0.00 to 25.00 |
| Perles, Sunrise, Gates..... | 8.00 to 12.00 |
| Roses, my selection..... | 6.00 to 8.00 |
| Carnations, large fancy..... | 8.00 |
| " medium, good stock..... | 4.00 to 6.00 |
| Valley, select..... | 3.00 to 4.00 |
| Violets..... | 2.00 to 3.00 |
| Callas..... | 15.00 to 20.00 |
| Stevia..... | 1.00 to 2.00 |

| | Per 100 |
|----------------------------------------------|--------------------|
| Harrisi..... | \$15.00 to \$20.00 |
| Greens, Smilax Strings, per doz..... | 2.00 |
| Asparagus Strings.....each | .40 to .50 |
| " Plumosus, Sprengerii, bunch..... | .25 to .35 |
| Adiantum..... | 1.00 to 1.50 |
| Ferns, common.....per 100 | 2.00 |
| Galax, Green, Bronze..... | 1.00 to 1.50 |
| Leucothoe Sprays..... | .75 |
| Wild Smilax.....per case, \$3, \$4, \$5, \$6 | |
| Narcissus and Romans..... | 3.00 to 4.00 |



And a Few Other Good Things We Have To Offer.

THE TWO GRAND NEW WHITE

CHRYSANTHEMUMS

MAJESTIC
90 POINTS.

and
SCORE COMMERCIALY.

ADELIA
89 POINTS.

ROOTED CUTTINGS: { \$3.00 per Doz. } From 2-inch pots, 5c
 { \$15.00 per 100. } Additional.
 { \$125.00 per 1000. }

MAJESTIC won First Prize for best one hundred White at the great World's Fair Flower Show. ADELIA capable of doing the same trick in the same company.

MADONNA A Fine Pink at Same Prices.

CARNATIONS

WHITE LAWSON—and—FLAMINGO

ROOTED CUTTINGS: \$6.00 per 100; \$50.00 per 1000.

Our **WHITE LAWSON** won First Prize for best one hundred blooms at the great World's Fair Show.
Our **FLAMINGO** won First Prize for best one hundred Scarlet.

THE FINE NEW PINK ROSE

“LA DETROIT”

Field-grown strong plants for immediate delivery. \$15.00 per 100; \$125.00 per 1000.

“SNAPDRAGON” OUR GIANT PINK.

A Fine White and a Grand Yellow. From 2-inch pots—

\$6.00 per 100; \$50.00 per 1000.

Early Delivery.

All Orders Booked and Filled in Rotation.

**JOHN BREITMEYER'S SONS,
DETROIT MICH.**

Meetings of Florists' Clubs.

BALTIMORE, MD.—Gardeners' Club of Baltimore, Royal Arcanum building, 18 W. Saratoga street. Second and fourth Tuesday of each month, at 8 p. m. John J. Perry, Sec'y, 505 N. Eutaw street.

BOSTON, MASS.—Gardeners' and Florists' Club of Boston, Horticultural Hall. Meets third Tuesday of each month, October to March inclusive. W. E. Fischer, Sec'y, 18 Union Terrace, Jamaica Plain, Mass.

BUFFALO, N. Y.—Buffalo Florists' Club, 383 Ellicott street. Second Tuesday of each month, at 8 p. m. Wm. Legg, Sec'y, 1440 Delaware avenue, Buffalo.

BUTTE, MONT.—Montana Florists' Club, Columbia Gardens. Second Friday in each month. S. Hansen, Sec'y, W. Galena and Excelsior streets.

CHICAGO, ILL.—Chicago Florists' Club, Handel Hall, 40 Randolph street. Second and fourth Thursday of each month, at 8 p. m. George Wienhoeber, Sec'y, 413 Elm street, Chicago.

CINCINNATI, O.—Cincinnati Florists' Society, Jabez Elliott Flower Market. Second Saturday of each month, at 8 p. m. Geo. Murphy, Sec'y, Sta. F., Cincinnati, O.

CLEVELAND, O.—Cleveland Florists' Club, Progress Hall, 244 Detroit street. Second and fourth Monday of each month, at 8 p. m. Issao Kennedy, Sec'y, Westpark, O.

DAVENPORT, IA.—Tri-City Florists' Club, meets in Davenport, Rock Island and Moline, alternately, second Thursday of each month. H. Meyer, Rock Island, Ill., Sec'y.

DENVER, COLO.—Denver Floral Club, 323 Charles Block. Second and fourth Friday of each month, at 8 p. m. Adam Balmer, Sec'y.

DETROIT, MICH.—Detroit Florists' Club, Cowie Building, Farran and Gratiot avenue. First and third Wednesday of each month at 8 p. m. J. F. Sullivan, Sec'y, 214 Woodward avenue.

GRAND RAPIDS, MICH.—Grand Rapids Florists' Club, Board of Trade rooms, Pearl street. Fourth Monday of each month. N. B. Stover, Sec'y, Grandville, Mich.

HAMILTON, ONT.—Hamilton Gardeners' and Florists' Club, offices of members. First and third Tuesday of each month at 8 p. m. Chas. M. Webster, Sec'y.

HARTFORD, CONN.—Hartford Florists' Club. Second and fourth Friday of each month at 8 p. m. W. W. Hunt, 80 Ann street, Hartford.

INDIANAPOLIS, IND.—State Florists' Association of Indiana, Commercial Club rooms, Indianapolis. First Tuesday of each month, at 7:30 p. m. Fred. Hucklede, Indianapolis.

MADISON, N. J.—Morris County Gardeners' and Florists' Society, Masonic Hall. Second Wednesday of each month at 7:30 p. m. in winter. S. Redstone, Sec'y.

MILWAUKEE, WIS.—Milwaukee Florists' Club. Meets first Tuesday of each month in Empire Building, West Water and Grand ave. H. V. Hunkel, Sec'y, 462 Milwaukee street.

MINNEAPOLIS, MINN.—Minneapolis Florists, Latham's Conservatory, 83 S. Tenth Street. First Friday of each month, at 8 p. m. R. A. Latham, Sec'y.

MONTREAL, QUE.—Montreal Gardeners' and Florists' Club, Alexandria rooms, 2204 St. Catherine street. First and third Monday of each month. W. H. Horobin, Sec'y, 23 Closse street.

NEW BEDFORD, MASS.—New Bedford Florists' club, second Thursday of each month. Wm. P. Pierce, Sec'y.

NEW LONDON, CONN.—Gardeners' and Florists' Club, first and third Tuesday of each month at greenhouses of secretary. H. H. Appeldorn, Sec'y.

NEW YORK, N. Y.—New York Florists' Club, Grand Opera House Bldg., 8th avenue and 23d St. Second Monday of each month, at 7:30 p. m. John Young, Sec'y, 51 West Twenty-eighth street, New York.

OMAHA, NEB.—Nebraska Florists' Society, City Hall. Second Thursday in each month at 8 p. m. Louis Henderson, Sec'y, 1519 Farnam street, Omaha.

PHILADELPHIA, PA.—Florists' Club of Philadelphia, Horticultural Hall, Broad street above Spruce. First Tuesday of each month, at 8 p. m. Edwin Lonsdale, Sec'y Wyndmoor, Philadelphia.

PITTSBURG, PA.—Pittsburg and Allegheny Florists' and Gardeners' Club, 422 Sixth Avenue. Second Thursday of each month, at 8 p. m. H. P. Joslin, Sec'y, Ben Avon, Pa.

PROVIDENCE, R. I.—Florists' and Gardeners' Club of Rhode Island, 96 Westminster street. Providence. Second Thursday of each month, at 8 p. m. Wm. E. Chappell, Sec'y, 333 Branch avenue, Providence.

RICHMOND, IND.—Richmond Florists' Club, at the greenhouses of members. Third Monday of each month. H. C. Chessman, Sec'y.

SALT LAKE CITY, UTAH.—Salt Lake Florists' Society, office of Huddart Floral Company, 214 E. Second South street. Second and fourth Friday of each month. P. T. Huddart, Sec'y.

SAN FRANCISCO, CAL.—Pacific Coast Horticultural Society. First Saturday and third Monday of each month. Thos. H. Munroe, Sec'y.

ST. LOUIS, MO.—St. Louis Florists' Club, Odd Fellows Hall No 2, Ninth and Olive streets. Second Thursday of each month, at 2 p. m. Emil Schray, Sec'y, 4101 Pennsylvania avenue, St. Louis.

WASHINGTON, D. C.—Washington Florists' Club, Schmidt's hall, 516 Ninth street, N. W. Meets first Tuesday in each month. Peter Bisset, Sec'y.

250,000

Rooted Carnation Cuttings.

ORDERS FILLED PROMPTLY ON ARRIVAL.

| PINK. | Per doz. | 100 | 1000 |
|----------------------------|----------|--------|---------|
| Enchantress, light..... | 60c | \$3.50 | \$30.00 |
| Marquis, light..... | 20c | 1.00 | 10.00 |
| Lawson, dark..... | 30c | 1.40 | 12.50 |
| Genevieve Lord, light..... | 20c | 1.00 | 10.00 |
| Joost, cerise..... | 20c | 1.00 | 10.00 |
| Success, light..... | 20c | 1.00 | 10.00 |
| Mermaid, light..... | 20c | 1.00 | 10.00 |
| Cressbrook..... | 20c | 1.00 | 10.00 |

| WHITE. | Per doz. | 100 | 1000 |
|-------------------|----------|------|-------|
| Flora Hill..... | 20c | 1.00 | 10.00 |
| Queen Louise..... | 20c | 1.00 | 10.00 |
| Wolcott..... | 20c | 1.00 | 10.00 |
| Alba..... | 25c | 1.50 | 15.00 |
| Norway..... | 20c | 1.00 | 10.00 |

| SCARLET. | Per doz. | 100 | 1000 |
|------------------|----------|------|-------|
| G. H. Crane..... | 20c | 1.00 | 10.00 |
| America..... | 20c | 1.00 | 8.00 |

| CRIMSON. | Per doz. | 100 | 1000 |
|------------------------|----------|------|-------|
| Gov. Roosevelt..... | 25c | 1.50 | 15.00 |
| Harlowarden..... | 25c | 1.20 | 12.50 |
| Gen. Gomez, light..... | 20c | 1.00 | 10.00 |

| YELLOW. | Per doz. | 100 | 1000 |
|---------------|----------|------|-------|
| Eldorado..... | 20c | 1.00 | 10.00 |

| VARIEGATED. | Per doz. | 100 | 1000 |
|------------------------------|----------|------|-------|
| Prosperity, fancy..... | 25c | 1.40 | 12.50 |
| Violamania, still ahead..... | 1.50 | 5.50 | 50.00 |
| Marshall Field..... | 25c | 1.40 | 12.50 |
| Armazindy..... | 20c | 1.00 | 8.00 |

ASPARAGUS PLUMOSUS NANUS.

3½-inch.....per 100, \$3.50; per 1000, \$30.00 New Crop Seed, per 1000.....\$5.00

Express Prepaid. Cash or C. O. D., with Privilege of Examining.

Western Carnation Company
ROCKLIN, CAL.

Rooted CARNATION CUTTINGS

NOW READY

THESE LOW PRICES GOOD ONLY UP
TO DECEMBER 25th....

| WHITE. | Per 100 | 1000 |
|-------------------|---------|---------|
| Queen Louise..... | \$1.00 | \$10.00 |
| Flora Hill..... | 1.00 | 10.00 |
| Alba..... | 1.40 | 12.50 |
| Gov. Wolcott..... | 1.00 | 10.00 |
| Norway..... | 1.00 | 10.00 |
| Lillian Pond..... | 1.40 | 12.50 |
| Chicot..... | 1.20 | 10.00 |

| PINK. | Per 100 | 1000 |
|---------------------------|---------|-------|
| Mrs. Thos. Lawson..... | 1.40 | 12.50 |
| Enchantress..... | 3.50 | 30.00 |
| Mrs. Joost..... | 1.00 | 10.00 |
| Success..... | 1.00 | 10.00 |
| Mermaid..... | 1.00 | 10.00 |
| Cressbrook..... | 1.00 | 10.00 |
| Pres. McKinley..... | 1.40 | 12.50 |
| Mrs. Theo. Roosevelt..... | 1.40 | 12.50 |

| SCARLET. | Per 100 | 1000 |
|------------------|---------|-------|
| G. H. Crane..... | 1.00 | 10.00 |

| SCARLET. | Per 100 | 1000 |
|--------------------|---------|-------|
| America..... | 1.00 | 10.00 |
| Potter Palmer..... | 1.00 | 10.00 |
| Estelle | 1.40 | 12.50 |
| J. H. Manley..... | 1.50 | 15.00 |
| Apollo..... | 1.50 | 15.00 |

| CRIMSON. | Per 100 | 1000 |
|---------------------|---------|-------|
| Harlowarden..... | 1.40 | 12.50 |
| Gov. Roosevelt..... | 1.20 | 10.00 |

| YELLOW. | Per 100 | 1000 |
|--------------------|---------|-------|
| Golden Beauty..... | 1.40 | 12.50 |
| Eldorado..... | 1.00 | 10.00 |

| VARIEGATED. | Per 100 | 1000 |
|---------------------|---------|-------|
| Prosperity..... | 1.40 | 12.50 |
| Marshall Field..... | 1.40 | 12.50 |
| Stella..... | 1.40 | 12.50 |
| Armazindy..... | 1.00 | 10.00 |
| Viola Allen..... | 1.20 | 11.00 |
| Gaiety..... | 1.20 | 11.00 |

Special prices on large lots. Unrooted pips at half price of above. 25 at 100; 250 at 1000 rates. Express prepaid at above prices. Cash or C. O. D. with privilege of examining.

LOOMIS FLORAL COMPANY, Loomis, Cal.

Richmond
Gem.

The finest commercial
scarlet ever introduced.
Place your order early.
Send for circular.

Price, \$10.00 per 100;
\$75.00 per 1000.

B. K. & B.
Floral Co.
RICHMOND, IND.

A Happy and Prosperous NEW YEAR

A happy and prosperous New Year awaits the florist who buys from us, because he will be saved the worry of uncertainty and he will be given the certainty of the best goods at the least prices.

We are shipping specialists, growing flowers only for the shipping trade and growing only such flowers as are particularly suited for shipment.

We have what is universally conceded to be the best plant, equipment and organization in the country for the handling of this class of business and we handle no other class.

Ours have been the finest Roses in the market this season, and for many seasons past, and this is equally true of our other flowers as is shown by our large and steadily increasing business with old customers and with new ones.

We treat every one of our customers as if he was the only one we had, and we are building our business by helping our customers build their businesses; what helps our customers must necessarily help us, as our customers really constitute our business.

If you should like to do business on this basis, we would be glad to have you write us about it.

WEILAND & RISCH,

Leading Western Growers and Shippers of Cut Flowers,
59 Wabash Avenue, CHICAGO.

GREENHOUSES, EVANSTON, ILL.

Please mention the American Florist when writing.

BUCKBEE'S CHRYSANTHEMUMS Took the Leading Prizes At Flower Shows.

HIGH-GRADE STOCK PLANTS.

25 Cents Each; \$2.50 per Doz.

Mrs. H. W. Buckbee
Percy Plumridge
Rockford
Dr. Enguehard
S. T. Wright
Thos. Humphreys
Ben Wells
F. A. Cobbold
Mildred Ware
William Duckham

15 Cents Each; \$1.50 per Doz.

Alice Byron
Convention Hall
C. J. Salter
W. R. Church
Donald McLeod
Mrs. J. C. Neville
Maynell
Henry Second
Mrs. T. Longley
Harrison Dick

10 Cents Each; \$1.00 per Doz.

Mrs. E. Thirkell
Mrs. T. W. Pockett
T. Carrington
Mrs. Barclay
Lily Mountford
La Fusion
Goldmine
H. W. Buckbee
Columbia
Nellie Pockett

FOREST CITY GREENHOUSES,
ROCKFORD SEED FARMS.

H. W. BUCKBEE,

Rockford, Ill.

Please mention the American Florist when writing.

W. H. WATSON

LAPEER, MICH.

Asparagus Plumosus

Long Strings, 50 Cents Each.

CARNATION BLOOMS Elegant stock at market prices.

Rooted Cuttings of Carnations and Roses.

We Make Long Distance Shipments.

W. H. WATSON, CARNATION SPECIALIST, Lapeer, Mich.



F. H. TRAENDLY.

CHAS. SCHENCK.

TRAENDLY & SCHENCK FLOWERS

ARE the product of establishments that CAN BE DEPENDED UPON to supply bloom of unexcelled quality EVERY DAY IN THE YEAR. Splendid stock is now coming in and the holiday crop will be JUST RIGHT. Look up your last year's Christmas trade and figure out your needs for this year. If you want BEAUTY, BRIDESMAID, BRIDE, LIBERTY, GOLDEN GATE, UNCLE JOHN, CHATENAY or IVORY ROSES, LILIES, ORCHIDS, ASPARAGUS, CARNATIONS, WHITE OR COLORED, POINSETTIAS, HYACINTHS or NARCISSI, we are prepared to furnish what you require, all GOOD MATERIAL and REASONABLE PRICES. But don't put it off until the last. Let us hear from you NOW, please.

VIOLETS BY THE MILLION.

TRAENDLY & SCHENCK

44 West 28th Street,

.....NEW YORK CITY.

Telephones 798-799 Madison Square.

ASPARAGUS STRINGS

WM H. ELLIOTT

BRIGHTON, MASS.

GOOD HEAVY STOCK

FLOWERING PLANTS FOR CHRISTMAS.

ORDER NOW BEFORE IT IS TOO LATE.

—WE CAN RESERVE STOCK AND SHIP ANY TIME BEFORE CHRISTMAS.—

AZALEAS.

We will have in bloom for Christmas a fine lot of Deutsche Perle,
Simon Mardner, Vervaeckenda.

| | |
|---------------------------------|--------------------------------------|
| 12-inch crowns, each.....\$1.00 | 18-inch crowns, each.....\$2.50 |
| 14-inch crowns, each..... 1.50 | 20-inch crowns, each..... 3.00 |
| 16-inch crowns, each..... 2.00 | 24-inch crowns, each, \$4.00 to 5.00 |

BEGONIA CLOIRE DE LORRAINE.

| | |
|-----------------------------------------------------------------------------------|--------|
| 5-inch pans, very full and bushy, per dozen | 8 9.00 |
| 6- " " " " " " | 12.00 |
| 7- " " " " " " | 18.00 |
| 8-inch hanging baskets, full and bushy, each | 2.00 |
| ORANGE TREES , 12 inches high, with 6 to 8 ripe oranges, each | 1.50 |
| PRIMULA Buttercup , 4-inch pots, in bloom, per dozen | 1.50 |
| POINSETTIA . Very fine plants with large brackets and foliage from pot up. | |
| 7-inch pans, 3 plants to the pan, 18-inches high | 1.00 |
| 5- " 3 " 7 to 8 inches | .50 |

CHRISTMAS PEPPERS.

| | |
|-------------------------------------------------------------------------------------|-------|
| 5-inch pots, bushy and full of fruit, per dozen..... | 3 00 |
| 6- " " " " | 5 00 |
| 7-inch pans, 5 plants to the pan, per dozen..... | 9 00 |
| 8- " 6 " " " | 12 00 |
| 10- " 6 " " " | 24 00 |

In addition to the above we have a fine lot of suitable plants
for Christmas Sales such as

| | | |
|------------------------------------------|--------------------------|----------|
| ASPARAGUS PLUMOSUS NANUS. | Extra strong Seedlings, | |
| will make 2-inch stock in 4 weeks. | Special price per 100 by | |
| mail, \$1.50; per flat of 1000, \$14.00. | Per 100 | Per 1000 |
| Strong, 2-inch pots | \$2.00 | \$18 00 |
| Strong, 2½-inch pots | 4.00 | 25.00 |

| ARAUCARIAS— | Height Inches | Whorls | Each |
|-----------------------|---------------|--------|--------|
| Glaucæ | 12 | 3-4 | \$1.00 |
| Excelsa | 14 | 3-4 | 1.00 |
| " | 18 | 4 | 1.25 |
| Compacta | 12 | 3-4 | 1.50 |
| " | 18 | 3-4 | 2.00 |
| Glaucæ | 20 to 24 | 4 | 2.00 |
| " | 26 to 18 | 4 | 1.75 |
| Excelsa | 24 | 4 | 2.00 |
| " | 28 to 30 | 4-5 | 2.50 |

Large stock of Palms of all kinds and sizes. Send for Special List.

VAUGHAN'S GREENHOUSES, WESTERN SPRINGS, ILL.

FICUS ELASTICA, 5-inch pots, 22 to 24 inches, per dozen\$4.25
Very fine and all perfect plants

| DRACAENAS— | Pots In. | Height In. | Each |
|--------------------------|----------|------------|--------|
| Massangeana | 6 | 12 | \$1.00 |
| Lindenii | 5 | 10 | 1.00 |
| Terminalis | 5 | 20 | 1.00 |
| "..... | 5 | 15 | .50 |

FERN, Pteris Tremula, 5-inch pots, bushy, per dozen..... 3.00

| PANDANUS— | Pots In. | Height In. | Each |
|-----------------------|----------|------------|--------|
| Veitchii | 5 | 18 | \$1.25 |
| "..... | 6 | 24 | 1.50 |
| "..... | 7 | 30 | 2 00 |
| "..... | 8 | 36 | 2.50 |
| Sanderii | 6 | 24 | 1.00 |

| | |
|----------------------------------------------------------------|------|
| CIBOTIUM SCHIEDEI , well shaped plants, 6-inch at | 1.50 |
| 7-inch at | 2.00 |

CROTONS. All high colored, fine stock, 5-inch pots, per dozen.... 6.00

Boston Ferns. *Nephrolepis Exaltata*
Bostoniensis.

We have the finest stock in the West. All our plants are pot-grown, bushy stock, well-furnished with fronds from the pot up, and cannot be compared with the cheap, long-drawn-up lifted stock from the bench. A sample shipment will convince you of our superior stock. **Let Us Ship You Now.**

| SHIP YOU NOW. | | Each | Per doz. | Per 100 |
|---------------|-----------------|------|----------|---------|
| 2 3/4 | inch pot plants | | \$.50 | \$ 4.00 |
| 3 | " " | | 1.00 | 8.00 |
| 4 | " " | | 2.50 | 20.00 |
| 5 | " " | .50 | 5.00 | 40.00 |
| 6 | " " | .75 | 7.00 | 50.00 |
| 7 | " " | 1.00 | 9.00 | 65.00 |
| 8 | " " | 1.50 | 15.00 | |

THE NEW FERN

Nephrolepis Scottii.

We have a large stock of this new fern; well-grown plants.

| | | | | | |
|------------------|----------|---------|------------------|----------|----------|
| | Per doz. | Per 100 | | Per doz. | Per 100 |
| 4-inch pots..... | \$5.00 | \$40.00 | 6 inch pots..... | \$15.00 | \$100.00 |
| 5-inch pots..... | 8.00 | 60.00 | 7-inch pots..... | 18.00 | |

Southern Decorative Evergreens.

Magnolia Foliage, 50 pound case, \$3.00.

Long Needle Pines, per dozen \$1.50; per 100, \$7.00; per 1000, \$60.00.

Chamaerops Palm Crowns, per dozen,
assorted sizes, 3 to 6 feet, \$3.00.

Chamaerops Palm Leaves, per 100, \$2.50;
per 1000, \$20.00,

**Sabal Palm Leaves, per 100, \$2.50, per 1000,
\$20 00.**

Fancy Ferns, per 1000, \$1.00.
Mistletoe, per bushel hamper, \$3.00.

High Grade Southern Smilax, Prices Right.

EDWARD A. BEAVEN, Evergreen, Ala.

FRED BURKE

IS THE IDEAL

Commercial White Carnation

Its freedom of bloom, coupled with its other meritorious qualities, will commend it to the most conservative growers. You will make no mistake by growing Fred Burki.

\$12 per 100; \$100 per 1000. 250 at 1000 rates.

—WRITE FOR DESCRIPTIVE CIRCULAR.

JOHN MURCHIE,
Sharon, Pa.

S. S. SKIDELSKY,
824 No. 24th St., Philadelphia.

Young & Nugent,

42 West 28th St.

New York

TELEPHONES, 2065, 2066 MADISON SQUARE.

ORCHIDS, GARDENIAS, VIOLETS, ROSES, CARNATIONS

AND A LARGE ASSORTMENT OF OTHER FLOWERS ACCORDING TO SEASON.

TO BUYERS:

Send us your orders. We will ship you flowers, none better. Not cheap ones, but best in New York. Give us a trial and you will not be disappointed.

VICTORY

WILL BE
DISSEMINATED
1906.

CARNATION

A true and brilliant scarlet is what is demanded. See VICTORY and be convinced that it is the freest blooming Carnation in existence; has grand stem; does not burst; every shoot comes to flower, and is the best shipper and keeper ever introduced. Ask anyone who saw Victory at St. Louis, Chicago, Boston and New York shows, where certificates were awarded. A "bread and butter carnation" in every sense of the word. See it before you buy and you will not lose present opportunities for securing the first stock.

PRICES

\$12.00 per 100; \$100.00 per 1000. 2,500 lots, \$95.00 per 1000. 5,000 lots, \$90.00 per 1000. 10,000 lots, \$80.00 per 1000. For cash with order 5 per cent discount. 250 at 1000 rate.

CARNATIONS.

PLACE YOUR ORDER FOR ROOTED CUTTINGS.

| | Per 100 | | Per 100 |
|-----------------------------|---------|---------------------------|---------|
| WHITE LAWSON..... | \$6.00 | LORD (Pink)..... | \$2.50 |
| NELSON FISHER..... | 6.00 | GOETHE (Light Pink)..... | 2.50 |
| ENCHANTRESS..... | 3 50 | MACEO (Crimson)..... | 1.50 |
| PROSPERITY..... | 3 00 | CERVERA (Variegated)..... | 2.00 |
| THE BELLE (White)..... | 6.00 | MANLEY (Red)..... | 3.00 |
| LADY BOUNTIFUL (White)..... | 6.00 | LAWSON..... | 2.00 |
| HARRY FENN (Crimson)..... | 2.50 | PASSMORE (White)..... | 3.00 |

GUTTMANN & WEBER, LYNBROOK,
L. I., N. Y.

Address All Correspondence to 52 W. 29th Street, New York.

European Horticulture.

(FROM THE EUROPEAN JOURNALS.)

IRISES AS CUT FLOWERS.—The various species of iris, with their numerous varieties, many of them new and decided improvements over the old types, are much in favor with German florists. Their flowers in a cut state, while found to be frail and short-lived here, are there considered exquisite material for the best class of made-up work and any high grade floral arrangement. Iris *pumila* in its two varieties, light and dark blue, may be brought into bloom as early as January, and Iris *Florentina* will come in a few weeks later. These two are quickly followed by the many beautiful varieties of Iris *Germanica*, of which the light colored sorts are highest prized for cutting. If cut before all the buds are fully open they will last a long while and continue to expand their flowers to the very last. For summer supply none are better than Iris *Kamperi* and I. *Hispanica*; the latter is especially fine.

CHRYSANTHEMUM FLOWERS IN JULY.—The firm Welter & Kapp, at Crefeld, succeeded in flowering the variety *Soleil d'Octobre*, an early yellow sort, in the month of July, 1904. The flowers were perfect and of fine coloring.

A TRAILING CARNATION.—A new race of carnations, trailing or creeping in habit of growth, claimed to be good for vases and hanging baskets, will be sent out next season.

GOOD MYOSOTIS FOR FORCING.—*Myosotis oblongata perfecta*, the only tender forget-me-not, if grown in a temperature of about 50°, will produce in greatest abundance from September until the following spring fine, long-stemmed flowers, unexcelled for cutting by any other variety of *myosotis*. It is raised from seeds, and successive sowings should be made in spring and early summer. The young plants are summered in the field, where they make and complete their growth, and are housed before severe frosts set in. They may be grown either in pots or planted out in a bench.

ANOTHER GOOD FORGET-ME-NOT.—For jardinières, vases and general pot culture, *Myosotis alpestris Liebesstern* (Star of Love) is said to be fine. Two or three cuttings of this quick rooting sort are put in a small pot and soon become desirable material for the filling of pans, baskets, etc.

HYDRANGEAS RECOVERING LOST PRESTIGE.—Reports from all parts of Germany as to the trade in hydrangeas last season seem to show that this old favorite is gaining a new foothold on the plant market. Sales of all the sizes from one-crown plants to the two-year-old large bushes, as also of the standard forms, have greatly increased, even doubled in some places in the last two or three years. Prices obtained are reported to have been most satisfactory. The artificially blue-colored brought highest figures and were most called for.

ROSE WALTHAM RAMBLER.—This new rose originated from seeds at the place of William Paul, Waltham Cross, Eng. Exhibited the first time last year at the Temple show, and again this year, it both times captured a prize. It is a hardy climbing rose, very vigorous, with flowers not unlike those of the Crimson Rambler. The flowers, produced in July, are very numerous and lasting. This is a good thing for covering walls, old trees, etc.

TWO NEW ROSES OF MERIT.—German papers speak well of E. G. Hill's new hybrid tea rose David Harum, as also of his *R. rugosa repens alba*. The first named, after having been thoroughly tried for two years in England, is recommended as a first-class forcing and exhibition rose, and the latter, a vigorous *rugosa*-*Wichuraiana* hybrid, for outdoor culture.

RED KAISERIN NOT UP-TO-DATE.—The new rose Baron Lade, sent out last year as a red Kaiserin Augusta Victoria, is said to be of no real value.

FORCING HARDY HYDRANGEAS.—English growers make extensive use of *Hydrangea paniculata grandiflora* as a subject for forcing. It is claimed that the flowering plants, treated in somewhat the same manner as *Hydrangea Otaka*, when brought into bloom, meet with ready sale at good prices where handled.

THE ARCTIC FLORA.—It must not be assumed, says the Gardeners' Magazine, that flowers do not exist within the Arctic circle. There are 700 flowering plants in the Polar regions and over 900 cryptogams within the Arctic circle. Lapland contains by far the richest Arctic flora and the most Arctic plants of general distribution. Far up north in all Arctic areas are found species of *ranaunculus*, lady's smock, poppies, saxifrage, crowberry, dwarfed willows, rushes and grasses.

CARNATION AMERICA.—For the climate of England the variety America, the well known scarlet, is highly spoken of as a superb summer blooming sort, being superior to other carnations in this respect.

PROFITABLE ORCHIDS.—In the vicinity of Berlin, where orchids are cultivated extensively for the cut blooms, growers find *Dendrobium Phalaenopsis Schroederianum* one of the most profitable for that purpose and comparatively easy of culture.

THIRTEEN HUNDRED AND FIFTY BLOOMS.—At an exhibition held at Sandown, Eng., a plant of the widely known *Dendrobium nobile* was staged, bearing not less than 1350 blooms.

APPLES FOR CATTLE.—In one of the French agricultural journals the question of making good the deficiency in the root crops by utilizing a portion of the apple crop as food for stock was discussed. It is believed that the apples have a feeding value equal to that of carrots or mangolds.

PRIMULA MOLLIS AS A POT PLANT.—It is stated that *Primula mollis* on account of its easy culture, its elegant habit and long duration of bloom, deserves a place where a collection of spring flowering pot plants is a leading feature. The seeds should be sown early in April and the plants subjected to a treatment similar to that accorded *Primula obconica*.

NEW CHRYSANTHEMUM SHOW FEATURE.—In the schedule of prizes of the Gainsborough and District Chrysanthemum Society there appears a conundrum competition, as follows: 1. "Why is a chrysanthemum like the British House of Commons?" 2. "What is the difference between a show chrysanthemum and a groom who catches a runaway horse after a struggle?" 3. "Why is a gardener like a burglar (with apologies to the gardener)?" An entrance fee of one penny (2 cents) has to be paid by each competitor, and the two most correct series of answers will each be awarded a first prize of five shillings (\$1.20) in cash and a second prize of three shillings in goods. If no correct answers are received the two best sets will be awarded the prizes. As the show lasts two days the answers to the conundrums must be sent in by 7 p. m. on the second day, and the winners will be declared at 8 p. m.

Louisville.

The week has been encouraging in many respects, although decorations were scarce. Chrysanthemums of very good quality are yet to be seen. The demand is not letting them go to sleep, and one or two good orders will about clean them up. Roses of exceptional quality are supplied by the local growers. The quantity could be a little heavier. Carnations have been improving right along. The quantity is rather short and the demand exceptionally good. Violets are very good, but the supply is inadequate. Narcissi have begun to come in, and in a week they will be plentiful. The demand is satisfactory. Hyacinths are coming on nicely, but not many are grown here owing to the high price of the bulbs. Some good shipped mignonette have been seen, also a few sweet peas. After a long dry spell we have had a little rain, the country people being especially thankful for it.

The regular monthly meeting of the Kentucky Society of Florists was held November 29 with a very disappointing attendance. Quite a few of the small growers doing their own firing could not be present, but it seems there are some others that could give at least one night a month to a business meeting. The preliminary premium list committee's report was read, but as a rule the classes were made too small, therefore quite a few changes will have to be made. The resignations of C. F. Wood and William Mann were accepted with regret. Mr. Mann has retired from the business. Arch D. Warren was elected a member to succeed Mr. Wood. The annual election of officers took place, the following being elected; President, August R. Baumer; vice-president, Anders Rassmussen; recording secretary, Fred L. Schulz; financial secretary, Joseph Coenen; treasurer, C. H. Kunzman; sergeant-at-arms, Joseph Wettle, and trustee for three years, Herbert Walker. F. L. S.

Advertisers Everywhere Get Results.

AM. FLORIST CO.—Practically all the replies I get from western trade advertising refer to the AMERICAN FLORIST.

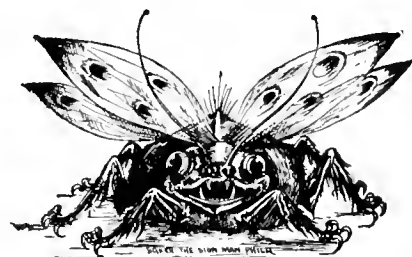
JOHN B. DEAMUD.

Valuable to Employers and Employees.

AMERICAN FLORIST CO.—I must say that the AMERICAN FLORIST occupies a high position in keeping us constantly posted on the doings of the trade. I would not be without it as I consider its notes and illustrations of great value to myself and employees.

Helena, Mont. CHARLES O. HORN.

A Prosperous Florist



Is Like the Bee, Never Idle.

Holiday Plants

NOW READY.

Importer and Headquarters for

Araucaria Excelsa

Cheaper and Better than anywhere in the United States. Carry a large stock. No Seedlings but raised from top cuttings in Belgium.

5 1/4-inch pots, bushy plants, 12 to 15-inches high, 3 to 4 tiers, 60c.

5 1/2 to 6-inch pots, bushy, 4 to 5 tiers, 15 to 20 inches high, 75c.

6-inch pots, 20 to 25 inches high, 5 tiers, \$1.00.

6-inch pots, specimen plants, \$1.25 to \$1.50 each.

AZALEA INOICA for Xmas blooming now ready for shipment; showing color and flower, only selected plants, strong and healthy, full of buds. Are used for Xmas potting. Deutsche Perle, pure double white; Simon Mardner, double pink; Vervaneana, large double pink; rosa. Price, 75c, \$1.00, \$1.25 to \$1.50 each; all unusually nice this year; rooted off before shipment.

KENTIA FORSTERIANA, 6-inch pots, made-up plants with three of the same size, 36 to 40 inches high, \$1.25. 5 1/4-inch pots, made-up with 3 of the same size, 36 inches high, \$1.00. Kentia Forsteriana made up with 3 of the same size, 30 inches high, very strong, 75c.

ASOPHILA AUSTRALIS, (Fern) 4-in. pots, 20c.

ARECA LUTESCENS, made-up plants, 3 in a pot, 6-inch, 30 to 35 inches high, 75c; 5 1/4-inch pot, 36 inches high, 3 in a pot, 50c; 5-inch, 25 to 30 inches high, 3 in a pot, 30c.

LATANIA BORONICIA, 6-inch pots, 50c.

PHENIX CANARIENSIS, 4 feet high, 4 feet wide, 15 perfect leaves, perfect specimens, \$2.00 each; worth \$5.00; good for decoration.

FICUS ELASTICA, (Rubber PLANTS,) Home-grown and Imported; can meet all wants; not a bad one in the lot, nicely staked up with painted stakes, 5 1/4 to 6-inch pots, 20 to 30 inches high, having from 16, 20, 25 and more perfect leaves to the plant, \$4.00, \$5.00 and \$6.00 per dozen. Extra specimens, 6 to 7-inch pots, 30 to 36 inches high, 75c to \$1.00 each.

PIERSONI FERNS, 5-inch pots, 25c.

BOSTON FERNS, 5 to 5 1/4-inch pots, 25c, 30c and 40c; 6-inch pots, 18 to 20 fronds, 50c. Specimen 7-inch, very large, 75c to \$1.00 each. 8 to 9-inch pots, as large as a bushel basket or washtub \$1.25 to \$1.50 each; worth \$3.00.

HOLLY FERNS and others for Fern Dishes, large 3-inch at 7c. 2 1/4-inch mixed at \$5.00 per 100.

Cocos Weddelliana, 3-inch, strong, 15c.

PRIMULA CHINENSIS or **CHINESE PRIMROSES**, are never so nice as this year. 5 1/4-inch pots, John Rupp strain now in bud and bloom, \$2.00 per dozen; \$15.00 per 100.

SOLANUM, Jerusalem Cherries, unusually fine this year; just laden with berries, 6-inch pots from \$2.50 to \$3.00 per dozen.

DRACENA BRUANTII, 25 inches high, 6-inch pots, full of leaves from top to bottom, 50c.

ANAPARUS PLUMOSUS NANUS, 3-in. pots, \$6.00 per 100; 4-inch, \$10.00 per 100, or by doz., 10c each 6-inch, 3 in a pot, \$3.00 per dozen.

Cash with order please. All goods travel at purchasers' risk.

Godfrey Aschmann,

Wholesale Grower and Importer of Pot Plants.

Bell Phone Tlaga 3669 A.

1012 Ontario St., Philadelphia, Pa.

—WRITE—

GEO. A. KUHL, Pekin, Ill.

For Price List of Rooted Cuttings and 2x3 1/4-In. Roses of following varieties: Brides, Maida, Golden Gate, Ivory, Meteor, Souv. de Wootton, Aug. Vic. Kaiserin, Perle des Jardins, Belle Siebrecht, La France, President Carnot, General MacArthur, La Detroit, American Beauty.

Your Christmas Requirements

— MAY BE BEST FILLED BY —

Wm. Ghormley

Wholesale Commission Florist

American Beauty, Bride, Bridesmaid, Liberty
AND OTHER ROSES OF THE CHOICEST VARIETIES.

Carnations, Violets, Lilies, Daisies, Poinsettias
AND ALL SEASONABLE CUT FLOWERS.

SMILAX, ASPARAGUS AND OTHER GREENS.

ORDER NOW. We Fill Orders Promptly and Completely at Right Prices.

57 W. 28th St.,

Telephone { 2200 } Madison Square.
 { 2201 }

NEW YORK

Peter Reinberg

CHICAGO

Christmas Price List

| | Per Doz | | Per 100 |
|---------------------------------------|------------------|----------------------------|------------------|
| AMERICAN BEAUTY, Extra Long Stem..... | \$12.00 | LIBERTY, Extra select..... | 25.00 |
| “ “ 36-inch stem..... | 10.00 | “ Select..... | 20.00 |
| “ “ 30-inch stem..... | 9.00 | “ Good..... | 15.00 |
| “ “ 24-inch stem..... | 8.00 | “ Medium..... | \$8.00 to 12.00 |
| “ “ 20-inch stem..... | 6.00 | “ Short stem..... | 6.00 |
| “ “ 18-inch stem..... | 5.00 | BRIDESMAID, Select..... | \$10.00 to 15.00 |
| “ “ 15-inch stem..... | 4.00 | “ Medium..... | 6.00 to 8.00 |
| “ “ 12-inch stem..... | 3.00 | BRIDE, Select..... | 10.00 to 15.00 |
| “ “ short stem..... | \$1.50 to 2.00 | “ Medium..... | 6.00 to 8.00 |
| | Per 100 | UNCLE JOHN, Select..... | 10.00 to 15.00 |
| CHATENAY, Extra select..... | \$25.00 | “ Medium..... | 6.00 to 8.00 |
| “ Select..... | 20.00 | SUNRISE, Select..... | 10.00 to 15.00 |
| “ Good..... | 15.00 | “ Medium..... | 6.00 to 8.00 |
| “ Medium..... | \$ 8.00 to 12.00 | PERLE..... | 6.00 to 10.00 |
| “ Short stem..... | 6.00 | CARNATIONS..... | 6.00 |

Albany.

The local trade reports many calls for wedding decorative material from places in the vicinity of Albany, including Glens Falls, Saratoga Springs, Pittsfield and Schenectady, all of which would show that florists in those places are doing some business.

Amos Balfoort, of 253 Second street, who for some time past had been in the employ of Louis Menand at Cemetery Station, has started in the retail business for himself. He has a house 20x100 feet for the growing of violets nearing completion.

H. L. Menand, wholesale dealer in cut flowers and florists' supplies, reports the arrival of the first consignment of bronze galax leaves, which he says are this year of excellent quality.

Whittle Brothers supplied the decorations for the memorial services held on Sunday afternoon, December 4, by the local lodge of Elks in Harmanus Bleecker hall.

Eyres furnished the decorations for the reception given by Temple Lodge No. 14, F. and A. M., on the occasion of the visit of Junior Grand Warden Charles Smith. R. D.

Grand Rapids, Mich.

Representatives of twelve local growers met at the store rooms of Henry Smith Monday evening and organized the Grand Rapids Florists' Association. The object of the organization is to sell their own products. They represent about 1,000,000 feet of glass and a capital of \$600,000. The association has opened a sales department in the Flower Growers' Market, Chicago, and as soon as practical will open branch houses in Cleveland, Cincinnati, Indianapolis and St. Louis. The officers of the association are: President, C. R. Hills; vice-president, George F. Crabb; secretary, N. B. Stover, Grandville, Mich.; treasurer, Henry Smith; board of directors, Eli Cross, chairman; Alfred Hanna, Charles Chadwick. The firms in the association are Henry Smith, Grand Rapids Violet Company, Grand Rapids Floral Company, Crabb & Hunter, George Hopp, the Stover Floral Company, Jas. Schols, Chas. Chadwick, Bruins-Slot & Sons, Frank Strong, Wealthy Avenue Floral Company and Eli Cross.

N. B. S.

Oceanic, N. J.

The Monmouth County Horticultural Society held its regular meeting at Red Men's hall December 2. The election of officers took place, with the following result: President, G. H. Hale; vice-president, A. G. Williams; secretary, H. A. Kettel; financial secretary, George Kuhn; treasurer, W. W. Kenaedy. Fred Anderson was elected to active membership.

The discussion of the evening was "Rose Culture Under Glass." There was a nice display of roses. N. Butterbach exhibited some Golden Gate, which received 90 points; his Ivory received 85. Mr. Hale's Morgan scored 85 and his Mrs. Oliver Ames 85 points. J. E. Haines, of Bethlehem, Pa., was awarded a certificate of merit for his red carnation seedling. The judges of the evening were W. W. Kennedy and A. G. Williams.

A committee was appointed to make arrangements for the annual dinner, which will take place December 22 at the Sheridan hotel, Red Bank, N. J. Those on the committee are N. Butterbach, Geo. H. Hale, W. W. Kennedy and John Yeomans.

"My Maryland"**GRAND NEW WHITE CARNATION FOR 1906.**

Awarded First Prize and Certificate of Merit at the Recent Show Given by the Horticultural Society of Chicago.

MY MARYLAND is easily superior to any white variety extant; particularly so in robust growth, and the immense quantity of large fine blooms produced. We invite you to watch this variety carefully during the coming year. Visitors cordially welcome. Write us now for other new and desirable varieties of carnations.

CHRYSANTHEMUMS All of the best novelties for 1905 as well as those of 1904 and other desirable sorts.

H. WEBER & SONS, OAKLAND, MD.*Please mention the American Florist when writing.***A VALUABLE NOVELTY****Pompon Chrysanthemum "BABY"**

THIS is the smallest and prettiest of the Pompons and propagates freely. The flowers are bright clear yellow, very symmetrical in form and are freely borne in clusters; it is a perfect pot plant and finely adapted for growing in pans and half pots. It is also very valuable for cut sprays. It found a very ready sale in the Philadelphia and New York markets at remunerative prices when offered for the first time in the Fall of 1904.

Price, Strong Stock Plants, 50 Cents Each.**ROBT. CRAIG & SON,**

JOHN BURTON, Assignee.

49th and Market Streets, PHILADELPHIA, PA.

*Please mention the American Florist when writing.***BEGONIA REX.****Our NOVELTIES FOR 1905.**

The Seven Sisters: ARENAC, BARAGA, CLARE, EMMET, DELTA, GENESEE and HURON.

Cheer up your collection with these beauties—all sure winners. Order now for Spring Delivery. Price 25c each; set of seven \$1.50.

REMEMBER WE CAN FURNISH ANY

Chrysanthemum Novelty

you desire, both AMERICAN and FOREIGN. Also the Cream of CARNATION NOVELTIES.

Will deliver as early as the rest and at same prices.

The above and other novelties fully illustrated and described in Novelty List, free on application. CATALOGUE EARLY IN JANUARY.

NATHAN SMITH & SON, Adrian, Mich.*Please mention the American Florist when writing.***Erica Fragrans.**

4 and 6-inch pot plants; for growing on. Fine healthy stock. For further particulars apply to

HENRY ABEL,

East Rutherford, N. J.

TWO GRAND**Bedding Geraniums**

ARE INTRODUCED BY US. STRONG STOCK NOW READY.

ASPARAGUS SPRENGERI.

All Nice, Healthy, Thrifty Plants.

2 1/4-inch pots.....\$1.00 per 100; \$ 8.00 per 1000
3-inch pots..... 2.00 per 100; 18.00 per 1000
4-inch pots..... 3.00 per 100; 25.00 per 1000

—Cash with the order.—

F. WALKER & COMPANY,
Box 316, NEW ALBANY, IND.

Gold Medal Winner

AT ST. LOUIS

Did You See Exhibited at St. Louis the
NEW CRIMSON RED CANNA

Mrs. Wm. F. Kasting?

Height, 3 1-2 feet. Most brilliant in color, most prolific of all Red Cannas. Blooms all the time, and is exceptionally fine for conservatory decorations. You will need it in your business. Awarded on its merits, a Gold Medal at the World's Fair, 1904.

PRICES for bulbs, ready for delivery now: \$1.00 each; \$9.00 per doz.; \$50.00 per hundred. Stock limited.

WM. F. KASTING, 383-387 Ellicott Street,
BUFFALO, N. Y.

Wittbold's HOLIDAY PRICE LIST

| Variety. | Size. | Height. | Leaves. | Each. | Doz. | 100 |
|--------------------------|-------|---------|---------|--------|--------|---------|
| KENTIA BELMOREANA..... | 4 | 15-17 | 5-6 | ... | \$3.00 | \$25.00 |
| " " "..... | 6 | 22-24 | 6 | \$1.00 | 12.00 | ... |
| " " "..... | 6 | 24-26 | 6-7 | 1.50 | 18.00 | ... |
| " " "..... | 7 | 32-34 | 6 | 2.01 | 24.00 | ... |
| " " "..... | 7 | 34-36 | 6 | 2.50 | 30.00 | ... |
| " " "..... | 9 | 44-48 | 7-8 | 6.00 | ... | ... |
| " " "..... | 10 | 48-50 | 7-8 | 7.50 | ... | ... |
| KENTIA FORSTERIANA..... | 5 | 24-27 | 4-5 | .75 | 7.50 | 60.00 |
| " " "..... | 6 | 26-30 | 5 | 1.00 | 12.00 | ... |
| " " "..... | 7 | 32-36 | ... | 2.00 | 24.00 | ... |
| " " "..... | 8 | 34-38 | 5-6 | 2.50 | 30.00 | ... |
| " " "..... | 9 | 46-48 | 5-6 | 6.00 | ... | ... |
| " " "..... | 10 | 48-56 | 6-7 | 7.00 | ... | ... |
| LATAVIA BORBON'CA..... | 2 | ... | ... | ... | .75 | 5.00 |
| " " "..... | 3 | ... | ... | ... | 1.00 | 7.00 |
| " " "..... | 6 | 22-26 | 7 | ... | 60 | 7.00 |
| " " "..... | 7 | 26-30 | ... | 1.00 | 12.00 | ... |
| " " "..... | 8 | 30-34 | 7-8 | 1.25 | 15.00 | ... |
| PHOENIX CANARIENSIS..... | 8 | 38-42 | 10-12 | 2.50 | 30.00 | ... |
| " " "..... | 12 | 46-52 | 12-15 | 5.00 | ... | ... |
| FIGUS ELASTICA..... | 4 | 10-12 | ... | .25 | 3.00 | ... |
| " " "..... | 6 | ... | ... | ... | 9.00 | ... |
| ARAUCARIA EXCELSA..... | 4 | tiers | 2-3 | .50 | 6.00 | ... |
| " " "..... | 5 | tiers | 3-4 | 1.00 | 9.00 | ... |
| " " "..... | 6 | tiers | 4-5 | 1.25 | 15.00 | ... |
| " " "..... | 6 | comp. | 3 | 1.50 | ... | ... |
| COCOS WEDDELLIANA..... | 3 | ... | ... | ... | \$2.50 | ... |
| " " "..... | 5 | ... | ... | .75 | 9.00 | ... |
| PANDANUS VEITCH I..... | 4 | ... | ... | .50 | 6.00 | ... |
| " " "..... | 5 | ... | ... | 1.00 | 12.00 | ... |
| " " "..... | 6 | 18-20 | ... | 1.25 | 15.00 | ... |
| PANDANUS UTILIS..... | 3 | ... | ... | ... | 2.00 | ... |
| " " "..... | 5 | ... | ... | ... | 5.00 | ... |
| " " "..... | 6 | ... | ... | ... | 9.00 | ... |

| Variety | Size. | Each. | Doz. | 100 |
|---------------------------------------------|---------------------------|-----------------------|-------------|-------|
| NEPHROLEPIS BOSTONIENSIS... | 2..... | ... | ... | 4.00 |
| " " "..... | 5..... | ... | 3.00 | ... |
| " " "..... | 6..... | ... | 5.00 | ... |
| " " "..... | 7..... | ... | 9.00 | ... |
| ALSOPIHILA AUST..... | 8..... | \$1.50 | ... | ... |
| CIBOTIUM SCHIEDEI..... | 6..... | 1.50 | 18.00 | ... |
| " " "..... | 7..... | 2.00 | 24.00 | ... |
| ADIANTUM CUNEATUM..... | 2..... | ... | ... | 3.00 |
| DRACENA INDIVISA..... | 4..... | ... | 1.50 | 10.00 |
| " " "..... | 5..... | ... | 3.00 | ... |
| " " "..... | 6..... | ... | 5.00 | ... |
| " " "..... | 4..... | ... | 3.00 | ... |
| " " "..... | 5..... | ... | 6.00 | ... |
| " " "..... | 6..... | ... | 9.00 | ... |
| " " "..... | 7..... | ... | 12.00 | ... |
| " " "..... | 5..... | \$1.00 | 12.00 | ... |
| MASSANGEANA..... | 2..... | ... | 3.00 | ... |
| ASPARAGUS PLUMOSUS..... | 3..... | ... | 1.00 | 8.00 |
| " " "..... | 4..... | ... | 1.50 | 12.00 |
| FERNS FOR DISHES..... | 2 good assortment..... | ... | ... | 3.00 |
| PDA TRIV. VAR..... | 3 fine for ferneries..... | ... | ... | 6.00 |
| CROTONS..... | 3..... | ... | 1.50 | ... |
| " " "..... | 4..... | ... | 3.00 | ... |
| JERUSALEM CHERRY..... | 4..... | ... | 1.50 | ... |
| CALIFORNIA PEPPERS..... | 4..... | ... | 1.50 | ... |
| " " "..... | 5..... | ... | 3.00 | ... |
| " " "..... | 6..... | ... | 4.00 | ... |
| BAY TREES, Standards, 24-inch crowns..... | ... | \$ 7.50 each. | ... | ... |
| " " "..... | ... | 28-inch crowns..... | 10.00 each. | ... |
| " " "..... | ... | 36-inch crowns..... | 17.50 each. | ... |
| " " "..... | ... | Pyramids, 7 feet..... | 17.50 each. | ... |
| CYCAS REVOLUTA..... | ... | \$2.00 to \$4.00 each | ... | ... |
| BOX TREES, 7-inch pots, 18 inches high..... | ... | \$1.20 per dozen. | ... | ... |

George Wittbold Company

1657-1659 Buckingham Place, CHICAGO.

Newport, R. I.

Trade with both florists and seedsmen has brightened considerably since Thanksgiving, and having gained a good headway will continue to increase until Christmas. Flowers were very low during October and early November, but the demand at Thanksgiving was so unexpectedly good that it lifted carnations to \$3 and started the whole market into healthy action. The best carnations now bring 75 cents to \$1 a dozen; good roses \$1.50 to \$2.50 a dozen, except the long-stemmed American Beauty, which holds at \$6 a dozen. Outdoor planting is over, as we have had some extremely cold weather which has closed the ground for the winter. Bulbs are pretty well sold out, especially tulips; there are still some crocuses and narcissi in the market, but only a few. Every effort is now employed getting windows and stores ready for Christmas, and it looks like a good business coming the next two weeks. The weather is cold, and at this writing it is snowing very hard, the first real snow storm of the season.

The event of the week was the annual ball of the Newport Horticultural Society, and in every particular it was a most complete success. The committee of arrangements outdid themselves in decorating Masonic hall. Palms and foliage plants had been loaned by the members in large numbers, and these in groups were very attractive; in addition the entire walls were covered with hemlock branches and Clematis paniculata vines; the whole effect was grand. Much credit is due to John T. Allan and Daniel Coughlin, the floor managers, and to all the members and friends that worked so hard to make the seventh annual ball an unqualified success.

J. M. Hodgson decorated St. Agnes' chapel in New York for the Iselin-Jay wedding last week. The church was massed with palms and foliage plants, the altar being banked with Bride roses and orchids. At the end of each pew (in the main aisle) were tall white staffs tipped with clusters of white chrysanthemums tied with long streamers of white satin ribbon. In place of a bouquet the bride carried an ivory-bound prayer book and the maid of honor had a bouquet of American Beauty roses. There were six bridesmaids, each carrying a cluster of delicate green ferns.

Wilson's Nurseries have this fall been doing a good business in California privet. They have a very large stock in all sizes from one to six years old and many fine individual large specimens for immediate effect. Privet is very much liked here; there are miles and miles of these beautiful hedges, more I feel sure than anywhere in this country.

The Tauton, Mass., fair is a thing of the past, the directors having decided to abandon the effort to continue longer, as for several years past the receipts have not nearly equaled the expenditures. It is too bad after an existence of more than half a century to have to give up, but it no longer pays.

There is a very large demand here for large and perfect specimens of trees and flowering shrubs, and many private growers cultivate choice collections to meet this requirement. These sell when of good size and have been frequently transplanted for from \$5 to \$25 each.

The annual meeting of the Newport Horticultural Society takes place this week, and as usual will be the largest attended meeting of the year. The year has been a very prosperous one for the

society and everything looks bright for the future.

The George A. Weaver Company has been having a special sale of surplus bulbs, being very successful. It has cleaned up a lot of stock and ended the bulb season in good shape.

M. Butler & Sons are setting out eight elm trees in the mall to fill in bare places which have resulted from trees blowing over in severe storms.

William H. Thomas, head gardener to E. R. Thomas, has been enjoying a few days' vacation in New York.

M. B. Faxon and wife have been in Boston over the Thanksgiving holidays.

X.

Toronto.

Never was the outlook for Christmas more propitious than at present. This city will certainly become the metropolis of Canada in a short time, and though conservatism has always been prominent in this section in regard to taking hold of articles which are new and for novelties, each season finds more relief and a greater hold on the public is being obtained. Consequently the retailers have a larger latitude to work on and already the stores are taking on part of their holiday garb, and fancy baskets, ribbons, etc., are becoming prominent. Holly is arriving in good shape. Last year Toronto handled 11,000 crates and this year the importations are much larger. Ground pine and mistletoe will also be handled in larger quantities than last year, for then there was not enough to meet the demands. With the growers stock is shaping nicely. Roses are even in better shape than a year ago, of better quality, in larger quantities and more varieties. American Beauty promise a fair crop, and Meteor, Bridesmaid and Bride will be just right. Carnations will also have considerable prominence, and as the past season has seen a larger amount of glass devoted to these the market will be well supplied. Violets, although scarce at present, are thickly budded, and a good crop is in evidence. Lilies will be the scarce article, as there are practically none in this market except a few callas. Azaleas, cyclamens and begonias are very promising, and poinsettias will be double in quantity of former years. Heath has also been gone into on a larger scale, and with fairly good weather this Christmas should surpass any previous records.

H. G. D.

LIKES IT; CAN'T HELP IT.

Schenectady, N. Y.
Your Fumigating Powder is all you represent it - it is good: I like it very much and am glad to speak a good word for it when I can.
JNO. W. H. GRUPE.

See page 861.

ROOTED CARNATION CUTTINGS.

JANUARY DELIVERY.

ALL ORDERS FILLED IN ROTATION.

| | Per 100 | | Per 100 |
|----------------------------------------|---------|-------------------------------|---------|
| Mrs. M. A. Patten.....Variegated | \$6.00 | Queen.....white..... | \$3.00 |
| White Lawson..... | 6.00 | Boston Market.....white..... | 3.00 |
| Flamingo.....scarlet..... | 6.00 | Queen Louise, Lawson..... | 2.00 |
| Albatross.....white..... | 6.00 | J. H. Manley.....scarlet..... | 2.00 |
| Enchantress.....white..... | 3.50 | Challenger.....scarlet..... | 2.00 |

Write for Prices on Large Lots. 5 Per Cent Discount for Cash with Order.

JAS. D. COCKCROFT, Northport, L. I., N. Y.

Wm. Duckham

Strong Fine Clumps, \$1.00 per doz.

ALICE BYRON.....\$1.00 per dozen

Rooted Carnation Cuttings.

| | Per 100 | Per 1000 |
|-------------------|---------|----------|
| WHITE LAWSON..... | \$6.00 | \$60.00 |
| FLAMINGO..... | 5.00 | 40.00 |
| ENCHANTRESS..... | 3.50 | 30.00 |
| THE QUEEN..... | 3.00 | 25.00 |
| FAIR MAID..... | 8.00 | 25.00 |

LARCHMONT NURSERIES

LARCHMONT, N. Y.

CHRYSANTHEMUM

STOCK PLANTS.

\$8.00 per hundred, or \$1.50 per dozen.

White—Timothy Eaton, Jerome Jones, White Bonafon.

Yellow—Appleton, Mrs. Thirkell, Monier, C. J. Salter, Percy Plumeridge, Yellow Jones, Golden Wedding.

Pink—Shaw, Morel, Silver Queen Marion Newell. Extra fine DUCKHAM, 25 cents each.

Bassett & Washburn,

HINSDALE, ILL.

Wm. Duckham

STOCK PLANTS, 15 cents each; \$1.50 per dozen.

2½-inch pots, 75 cents per dozen.

Immediate delivery.

Emil Glauber,

Montclair, Colo.

CHRYSANTHEMUM STOCK PLANTS.

White, Kalb Ivory, Queen, F. Pullman, T. Eaton, Robinson, Mayflower, Niveus.

Yellow, Harry Parr, Bonafon, Lincoln, Solar Queen, Golden Wedding, Yellow Fellow, Tuxedo.

Pink, Rose Owen, Pink Ivory, J. K. Shaw, Edna Prass, Mrs. Perrin, Maud Dean.

Red, G. W. Childs, Millbrook.

50c per doz.; \$3.00 per 100. Cash with order.

ANDREW BATHER, Clinton, Iowa.

CHRYSANTHEMUMS...

STOCK PLANTS of Duckham, Balfour, Haliday, White and Yellow Bonafon, Minnie Bailey, Eaton Pacific, Kalb, Whilldick. A large stock of Ivory. Write for prices.

WM. SWAYNE,

Box 226, KENNETT SQUARE, PA.

Roses Rooted Cuttings

January Delivery.

Bride, Bridesmaid, Golden Gate, Ivory, \$1.50 per 100; \$12.50 per 1000. Selected from healthy grafted stock. Satisfaction guaranteed. 25¢ at 1000 rate. Cash or satisfactory references.

BAUER FLORAL CO., 20 W. 10th St., Erie, Pa.

1871

THE PIONEER WHOLESALE HOUSE

1904

JAMES HART,

WHOLESALE AND COMMISSION DEALER

117 W. 30th Street,

NEW YORK.

All the Cut Flowers in Season.

Out-of-Town Orders placed with me will be filled complete. I never disappoint. Growers consignments are solicited. I make prompt returns and aim to get top market prices. Give me a trial and your business will be continuous.

—TELEPHONE 626 MADISON SQUARE.—

*Please mention the American Florist when writing.***JOSEPH S. FENRICH,** Wholesale Florist,

48 West 30th St., Telephone No. 325 Madison Square, NEW YORK CITY.

The Reliable House.**Every Variety of Cut Flowers in Season.**

ROSES in all varieties, VIOLETS, VALLEY, LILIES, CARNATIONS, ASPARAGUS, SMILAX, Etc.

My growers are among the best in the country. I build my success on the foundation of Square Dealing, prompt payments, and fair play to all. I ask a share of your confidence. CONSIGNMENTS SOLICITED.

BOSTONS**We Aim to Please. OUR Stock of Bostons, 18,000 Plants,**

is in the finest possible shape. It will please you. All sizes but we particularly recommend our 50c, 75c, \$1.00 and \$1.50 sizes as the most suitable for Christmas trade. They cannot be beaten.

We also have a fine stock of ARAUCARIAS, Excelsa and Glauca, in 75c, \$1.00 and \$1.50 sizes. A full line of other plants.

HOLTON & HUNKEL CO. Milwaukee, Wis.*Please mention the American Florist when writing.***BEDDING PLANTS.**

Alternanthera, red and yellow, August rooted cuttings, strong, \$5.00 per 1000; mailed 60c per 100. Alyssum, double sweet, 2-inch, \$2.00; R. C. \$1.00 per 100. Asparagus plu. nanus, strong, 4-in. \$8.00 per 100. 10,000 Geranium Nutt and 20 other vars., 2 1/4-in., \$20.00 per 1000. Petunia, double fringed, pure white, 2 1/4-in., \$2.50; R. C. mailed, \$1.25 per 100. 500,000 Pansy plants: Florists' International, strong, transplanted, \$5.00 per 1000; extra strong, bushy, \$10.00 per 1000; Giant flowering variety, mixed and separate colors, strong, transplanted, \$3.00 per 1000. Vinca var., from 3-in. pots, \$4.00; R. C. mailed, \$1.00 per 100. Salvia in four named vars., 2-in., \$2.00 per 100. Daisies, Forget-me-not, Sweet William, \$3.00 per 1000.

LUDVIG MOSBAEK, Onerga, Ill.

500,000 VERBENAS

THE CHOICEST VARIETIES IN CULTIVATION.

Fine pot plants, \$2.50 per 100; \$20 per 1000. Rooted Cuttings, 50c per 100; \$5 per 1000; \$45 per 10,000.

NO RUST OR MILDEW.**PACKED LIGHT, AND SATISFACTION GUARANTEED. SEND FOR CIRCULAR.**

We are the Largest Growers of Verbenas in the country. Our plants cannot be surpassed.

J. L. DILLON,**BLOOMSBURG, PA.****Please mention the American Florist to advertisers.**

Syracuse, N. Y.

The florists of this city had an experience last Saturday which they have rarely had. The demand for flowers of all kinds was so great that it could not be filled. Everything that looked like a flower was snapped up, and Sunday morning the stores looked as if a cyclone had struck them. Several funerals, weddings and other social events were responsible for this rush. Wheadon & Hencle had twenty-three designs for one funeral. Along at the last end some prepared wreaths were pressed into service, and six American Beauty roses, the last in the store, were arranged on each one. The customers seemed glad to get them. Many cypress wreaths were sold. Roses of all colors, carnations, chrysanthemums and everything else were picked up by eager purchasers and not a thing could be had in town. There is a general scarcity of stock and prices have advanced slightly. It is thought that there will be a material advance before Christmas, as there are a large number of social events in prospect. "Coming out" parties are the thing among society folk now, and every fond parent who has a daughter to introduce into society gives one. The florists encourage this all they can.

P. R. Quinlan & Company had a novel decoration at the coming out party of Miss Holden. Everything was in yellow. One of the tables was decorated with yellow chrysanthemums and the other with yellow roses, with ribbon effect. The house was also decorated with palms and ferns. The company has just received a large shipment of Lorraine begonias from the West Genesee street range, which are tastily arranged in the South Salina street store.

Bard & Davis are putting up another greenhouse at the corner of Bryan and Wilbur avenues, where their present plant is located. The dimensions of the new structure are 23x100 feet. The carnations and rose houses are in splendid condition. The carnations grown are the Enchantress, Queen, Estelle, Harry Fenn and Marquis. In the rose department are found Perle, Bridesmaid, Bride and Hoste.

T. M. Miller, of Jamesville, who grows carnations and chrysanthemums, makes frequent visits to this city, where he has a number of customers among the retailers.

Henry Morris had a busy week and reports a scarcity of stock. A. J. B.

Providence, R. I.

Things have been quiet the past week with little demand for anything in the floral line, even design work taking a slow demand. Prices have been well maintained on a fair cut, with carnations bringing \$1.25 to \$2 per 100, Enchantress and Prosperity \$3 per 100. Roses still continue more than enough to meet the call at 2 to 6 cents for average stems. Violets have kept cleaned up at 50 cents per 100, although some days saw leftovers with a varying demand the day following. Chrysanthemums are about done, only a few Bonnaillon and Jones staying late at 5 to 8 cents each.

Mr. Saunders, formerly of Anthony, is now with N. D. Pierce, Norwood, R. I., and "John," of J. Macreas, is now associated with J. H. Cushing, of Quindnick, growing carnations as a specialty.

N. D. Pierce is showing two or three houses of miscellaneous stock in good condition, especially pot primroses, asparagus, crotons and lycopodium; these are suited for window-bottom show.

Mrs. Delano has adopted the style Standard Greenhouses for her Norwood range, and has two very nice houses of carnations.

A. J. Davis had an interesting display of tame alligators surrounded with ferns and mosses in his window the past week. M. M.

New Bedford, Mass.

Thanksgiving trade was very good. Everybody seemed to have a good business. The two swell affairs here annually are the Thanksgiving assembly for older people and the "chicken hop" for the young ones. The demand for violets, roses and carnations was more than good. There was also a very brisk demand for funeral flowers, so that it looks as though our dull times were over. Chrysanthemums are about gone. A few Jerome Jones are all that are left. Paper Whites and Romans are getting quite plentiful, but sell lower than last year. Cold weather has set in, with the thermometer down to 14°. Christmas green and wreaths are making their appearance on the streets unusually early.

The annual supper of the New Bedford Horticultural Society is to be Tuesday evening, December 13, at the Mansion house.

A. B. H.

Don't Wait

until you need cuttings. Order now; then you will have them when you want them.

GERANIUMS, IVY GERANIUMS, LUCHSIAS, DOUBLE PLUMAS, HELIOTROPE and Bedding Plants in general, \$6.00 per 1000.

Express prepaid on all orders received on or before December 15, 1904. Thirty varieties of Carnation cuttings. Prices on application. Also Dahlies, Cannas and Calla Bulbs.

CALIFORNIA PRODUCT COMPANY,

55 Ellis Street, SAN FRANCISCO, CAL.

Please mention the American Florist when writing.

PANSIES.

200,000 Extra Strong Stooky Plants.

Giant of best sorts, equal to any, \$2.50 per 1000; \$4.50 per 2000.

BABY PRIMROSE, in bloom, 2-inch, 1½c.

DAISIES, Snowball, Longfellow, Giant Red, \$2.50 per 1000; 2000 for \$4.50

VINCA VAR., R. C. prepaid, 90 cts per 100.

ASP. PLUMOSUS NANUS, 2-in., 2½c. 3-in., 5c.

ASP. SPRENGERI, 2-inch, 2c.

RUBBERS, 4-inch, 10c, 20c.

ABUTILONS, 4 varieties, 2½-inch, 3c.

Rooted Cuttings, prepaid: Heliotrope, 75c per 100.

Ageratum, Gurney, Pauline, 60c per 100. Salvia,

Splendens, Bonfire, 90c per 100. Fuchsia, 6 best

varieties, \$1.25 per 100. Hardy Pink, 7 varieties,

some everblooming, 75c per 100; \$7.00 per 1000.

Dbl. Petunias, 10 finest, \$1.00 per 100.

—CASH—

BYER BROS., Chambersburg, Pa.

Please mention the American Florist when writing.

RUDBECKIA.

Extra choice, large clumps.....\$5.00

Asp. Sprenger, extra quality, 2½-in. pots... 2.00

Asp. Plumosus, extra quality, 2½-in. pots... 2.50

Asp. Plumosus, extra quality, 3-in. pots.... 4.00

JOHN BROD, Niles Center, Ill.

Please mention the American Florist when writing.

Wm. P. Craig, 1224 Cherry St., Philadelphia, Pa.

Representing Joseph Heacock and John Burton, Assignees.

PALMS, FERNS, CROTONS and DECORATIVE PLANTS.

A FEW GOOD THINGS YOU WANT.

KENTIA PALMS, a fine lot of single and made-up plants as was ever grown, 4, 5, 6, 7, 8-inch pots, at 20c, 25c, 75c, \$1.50 to \$3.00 each.

BOSTON FERNS, 6-inch, \$30 per 100.

DRACAENA INDIVISA, 2, 3, 4, 5-inch, \$2, \$5, \$10 and \$25 per 100.

ASPARAGUS PLUMOSUS, 2 and 3-in., \$4 and \$8 per 100.

ASPARAGUS SPRENGERI, 2 and 3-in., \$3 and \$5 per 100.

GERANIUMS, Jean Vaud, S. A. Nutt, Castellane and Voltovine, 2-in. pots, \$3.00 per 100.

VINCA VARIEGATA, 2-inch, \$2.00 per 100.

Unrooted cuttings of CARNATIONS. The best and cheapest way to buy them. Portia, Crocker, Goodenough, Mermaid, Roosevelt, 50c per 100.

Lawson, Boston Market, Fair Maid, Harry Fenn, \$1.00 per 100.

CINERARIAS, 2-inch, \$2.00 per 100; 3-inch, \$4.00 per 100.

PRIMULA OBCONICA, 3-inch, \$4.00 per 100.

CASH OR C. O. D.

GEO. M. EMMANS, NEWTON, N. J.

Please mention the American Florist when writing.

CASH OR C. O. D.

GEO. M. EMMANS, NEWTON, N. J.

Please mention the American Florist when writing.

CASH OR C. O. D.

GEO. M. EMMANS, NEWTON, N. J.

Please mention the American Florist when writing.

CASH OR C. O. D.

GEO. M. EMMANS, NEWTON, N. J.

Please mention the American Florist when writing.

CASH OR C. O. D.

GEO. M. EMMANS, NEWTON, N. J.

Please mention the American Florist when writing.

CASH OR C. O. D.

GEO. M. EMMANS, NEWTON, N. J.

Please mention the American Florist when writing.

CASH OR C. O. D.

GEO. M. EMMANS, NEWTON, N. J.

Please mention the American Florist when writing.

CASH OR C. O. D.

GEO. M. EMMANS, NEWTON, N. J.

Please mention the American Florist when writing.

CASH OR C. O. D.

GEO. M. EMMANS, NEWTON, N. J.

Please mention the American Florist when writing.

CASH OR C. O. D.

GEO. M. EMMANS, NEWTON, N. J.

Please mention the American Florist when writing.

CASH OR C. O. D.

GEO. M. EMMANS, NEWTON, N. J.

Please mention the American Florist when writing.

CASH OR C. O. D.

GEO. M. EMMANS, NEWTON, N. J.

Please mention the American Florist when writing.

CASH OR C. O. D.

GEO. M. EMMANS, NEWTON, N. J.

Please mention the American Florist when writing.

CASH OR C. O. D.

GEO. M. EMMANS, NEWTON, N. J.

Please mention the American Florist when writing.

CASH OR C. O. D.

GEO. M. EMMANS, NEWTON, N. J.

Please mention the American Florist when writing.

CASH OR C. O. D.

GEO. M. EMMANS, NEWTON, N. J.

Please mention the American Florist when writing.

CASH OR C. O. D.

GEO. M. EMMANS, NEWTON, N. J.

Please mention the American Florist when writing.

CASH OR C. O. D.

GEO. M. EMMANS, NEWTON, N. J.

Please mention the American Florist when writing.

CASH OR C. O. D.

GEO. M. EMMANS, NEWTON, N. J.

Please mention the American Florist when writing.

CASH OR C. O. D.

GEO. M. EMMANS, NEWTON, N. J.

Please mention the American Florist when writing.

CASH OR C. O. D.

GEO. M. EMMANS, NEWTON, N. J.

Please mention the American Florist when writing.

CASH OR C. O. D.

GEO. M. EMMANS, NEWTON, N. J.

Please mention the American Florist when writing.

CASH OR C. O. D.

GEO. M. EMMANS, NEWTON, N. J.

Please mention the American Florist when writing.

CASH OR C. O. D.

GEO. M. EMMANS, NEWTON, N. J.

Please mention the American Florist when writing.

CASH OR C. O. D.

GEO. M. EMMANS, NEWTON, N. J.

**Carnations, Roses,
Liberties, Mignonette,
Poinsettias, Stevia.**

For Christmas

We have the Best the Market
Affords in all Kinds of

CUT FLOWERS.

Write to Us Now in Regard to Your Wants.

A. L. RANDALL CO.

19 Randolph Street,

CHICAGO, ILL.

The KING of all Carnations.

THE NEW....
SCARLET SEEDLING **ROBERT CRAIG**

The largest, strongest stemmed, most vigorous, healthiest growing, most fragrant, and the best FANCY COMMERCIAL SCARLET CARNATION produced to date. Ranks with Enchantress and Fiancee, having defeated the latter variety in all competitions in Philadelphia.

THE IDEAL CHRISTMAS CARNATION. **AN ENORMOUS BLOOM** just the color of the Christmas Holly Berry. An easy doer. Anybody can grow it. Having already orders for 100,000 cuttings for delivery season of 1906, we are still booking orders subject to buyer's cancellation if dissatisfied with variety at any time up to December 1st, 1905.

PRICES { \$2.50 per dozen; \$12.00 per 100; \$100.00 per 1000.
2,500 lots at \$95.00 per 1000. 5,000 lots at \$90.00
per 1000. 10,000 lots or more at \$80.00 per 1000.

SEND YOUR ORDERS EARLY TO

C. W. WARD, ORIGINATOR,
QUEENS, N. Y.

COTTAGE GARDENS COMPANY nc.

ROBERT CRAIG (WARD)

has been awarded the following honors:

PRELIMINARY CERTIFICATE.

American Carnation Society.

SPECIAL DIPLOMA.

American Institute of New York.

FIRST CLASS CERTIFICATE OF MERIT.

Mass. Horticultural Society.

FIRST CLASS CERTIFICATE OF MERIT.

Peon. Horticultural Society.

FIRST CLASS CERTIFICATE OF MERIT.

New York Florists' Club.

CRAIG CUP, for best undisseeded seedling.
Philadelphia.

G. HARTMAN KUHN, SPECIAL PRIZE, for
best undisseeded seedling.
Philadelphia.

Carnation Rooted Cuttings.

| NOW READY. | | Per 100 | 1000 |
|---------------------------------|--|---------|---------|
| QUEEN LOUISE, fine white | | \$1.20 | \$10.00 |
| ALBA, large white | | 1.40 | 12.50 |
| AMERICA, red | | 1.00 | 10.00 |
| MRS. POTTER PALMER, big scarlet | | 1.20 | 10.00 |
| G. H. CRANE, scarlet | | 1.20 | 10.00 |
| ELDORADO, yellow | | 1.20 | 10.00 |
| MARSHALL FIELD, barred | | 1.40 | 12.00 |
| ARMANDINDY, barred | | 1.00 | 10.00 |
| MRS. JOOST, pink | | 1.20 | 10.00 |
| LAWSON, pink | | 1.40 | 12.50 |
| PRES. MCKINLEY, pink | | 1.40 | 12.50 |
| SUCCESS, light pink | | 1.20 | 10.00 |
| HARLOWARDEN, crimson | | 1.40 | 12.50 |
| GOV. ROOSEVELT, crimson | | 1.20 | 10.00 |

UNROOTED CUTTINGS HALF PRICE.

TERMS: Cash with order or C. O. D. with privilege of examination. Express prepaid at above prices. All plants warranted true to name and well-rooted.

HERMITAGE CARNATION CO., Loomis, Cal.

CARNATION CUTTINGS

FROM SELECTED STOCK.

| | Per 100 | Per 1000 |
|-------------------|---------|----------|
| NELSON FISHER | \$7.00 | \$60.00 |
| MRS. M. A. PATTEN | 6.00 | 50.00 |
| FLAMINGO | 6.00 | 50.00 |
| CRUSADER | 6.00 | 50.00 |
| D. WHITNEY | 5.00 | 40.00 |
| ENCHANTRESS | 4.00 | 30.00 |
| H. FENN | 3.00 | 25.00 |
| MANLEY | 3.00 | 25.00 |
| FAIR MAID | 2.50 | 20.00 |
| QUEEN | 3.00 | 25.00 |

BACKER & CO., Billerica, Mass.

POTTED Carnations

Plant them after Chrysanthemums.

Wm. Scott, Queen Louise, Crocker,
Lorna, White Cloud, C. M. Brady
and other varieties. Send for list.

Price, \$5.00 per 100.

J. L. DILLON, - Bloomsburg, Pa.

Palmer's

**Red
Lawson**

NOW READY!

SPORT FROM THE FAMOUS
MRS. THOMAS LAWSON

Planted May 18th, in full crop middle of August

ROOTED CUTTINGS:

\$10.00 per 100
\$40.00 per 500
\$75.00 per 1000

Ask your *Brother Florist* if he saw it at the Detroit Carnation Show. Ten to one he will say it's a good carnation to grow. Received **CERTIFICATE OF MERIT** at Detroit Carnation Show—scoring 87 pts.

W. J. Palmer & Son
Lancaster, N. Y.

New Carnation WM. PENN

A very pleasing shade of pink, the best bloomer I ever saw and a good healthy grower. Every grower of carnations should plant this variety. Send for descriptive list.

Price per 100, \$10.00. Per 25, \$2.50. Price per 1000, \$75.00. Per 250, \$18.75.

CARNATIONS. ROOTED CUTTINGS.

| | Per 100 | 1000 | | Per 100 | 1000 |
|----------------|---------|---------|---------------|---------|---------|
| Queen Louise | \$1.25 | \$10.00 | Harry Fenn | \$1.50 | \$12.50 |
| Lillian Pond | 1.50 | 12.50 | Enchantress | 2.50 | 20.00 |
| Mrs. Nelson | 2.00 | 15.00 | Nelson Fisher | 5.00 | 40.00 |
| Floriada | 1.50 | 12.50 | M. A. Patten | 5.00 | 40.00 |
| Mrs. Roosevelt | 1.50 | 12.50 | Crusader | 5.00 | 40.00 |

SEND FOR LIST

ALBERT M. HERR,

Lancaster, Pa.

Please Mention The American Florist When Writing.

Pittsburg.

The Florists' Club smoker, held in the rathskeller of the club's quarters, on Tuesday evening, December 6, was one of the most noted events in the history of the club. Those who participated in the entertainment distinguished themselves, and were liberally rewarded with generous applause. The rathskeller was practically and artistically decorated, palms and laurel being used. One of the novelties of the decorations was a reproduction of the Aristolochia Sipho made of green galax leaves on rope and clusters of smoke-pipes arranged like a growing vine. At the base of the vines was a box planted with blooming chrysanthemums and palms. The decorations included vases of roses and were arranged by Gus Ludwig. Another feature was a huge basket composed of pipes, tobies, tobacco, playing cards and flowers. The arrangement was skillful and attractive, E. C. Ludwig being the artist. Those present were delighted with excellent renditions by Paul Violmert, who recited selections from the classics with ease and expression. Jacob Paine made music with his guitar that brought forth rounds of applause; Messrs. Louis and Reithel did the phonograph act; George Huber, impersonator, created loads of laughter; Tenny, monologist and tenor, was given an ovation; P. Mair, a quiet sermon, which brought out bunches of fun; E. C. Reineman, jokes; Mr. Muhr, comic sayings, and the Keystone Quartette.

Business is beginning to improve, while things are not rapid the improvement seems definite and firm. All the stores anticipate a big holiday business and active preparations to that end are proceeding. Roses are plentiful with the exception of American Beauty. Fancy carnations are short in supply, while other grades are plentiful.

George Schomer, of Connellsville, Pa., is financing a movement for the purpose of building twenty-five houses 30x200 feet in Connellsville. About three meetings have been held, and the outlook for the materialization of the plans is good.

Barton Brothers, Uniontown, have a couple of big wedding decorations for this week. E. L. M.

Poughkeepsie, N. Y.

There was a regular monthly meeting of the Dutchess County Horticultural Society November 30 in the offices of P. H. Troy, in the Savings Bank building. The report of the flower show showed the cost of the exhibit to have been \$1,000, while the receipts were only \$450. This society is the largest of its kind in New York state, having a membership of 350. A committee was appointed to make arrangements for the annual banquet of the society to be held early in January. The following new members were elected: Rev. A. P. Van Gieson, Floy M. Johnston, William J. Beardsley, W. F. Ross, Andrew W. Moore, D. Crosby Foster, G. A. Schrader, Matteawan; W. L. Hothersale, New Hamburg, and Fred Herman, of Lenox, Mass.

The Only Florists' Paper.

AMERICAN FLORIST CO.—I would like to take up the renewal of the AMERICAN FLORIST, which in previous years has been sent to my father, George A. Norton, Pittsfield, Mass. Having gone abroad, he requests me to renew the subscription, as he claims the AMERICAN FLORIST to be the only florists' paper.

GEORGE A. NORTON, JR.

Orchids!



We are now booking orders for Cattleya Lohitana and Cattleya Trinani for spring delivery. We can offer you advantageous prices if you place your order now. Write for particulars. Best Fine Sphagnum and Orchid Peat always on hand.

Lager & Hurrell, SUMMIT, N. J.
Orchid Growers and Importers.

Cheap To Clear.

2,500 Rose Geraniums, 2,500 Mixed Geraniums. best bedding varieties, all 2-in. \$1.00 per 100. Cuphea, 75c per 100; Chrysanthemums stock plants, J. K. Shaw, Lincoln. Polly Rose, Glory of Pacific, Bill Hawk, 25c per doz.

H. ROSSITER,

200 Lexington Avenue. JERSEY CITY, N. J.

GERANIUMS.

ROOTED CUTTINGS.

Fifteen varieties at \$10.00 and \$12.50 per 1000. Send for complete price list of GERANIUMS and CARNATIONS.

ALBERT M. HERR, Lancaster, Pa.

CYCLAMEN

SPLENDENS GIGANTEUM HYBRIDS. Finest strain in the world, in bud and bloom. First-class grown stock from 5-inch pots, \$2.50 per dozen; \$20.00 per 100. Satisfaction guaranteed.

PAUL MADER, East Stroudsburg, Pa.

For Sale or Exchange.

40 fine Specimen Palms. Good condition, 4 to 6 feet high, 8 to 10-inch pots. Areca Lutescens, Kentia Belmoreana and Forsteriana. Will take in exchange Carnation Stock for next spring delivery. Paid \$150 for them 2 years ago. Want the room.

WALTER BUTLER, Chillicothe, O.

BOSTON FERNS.

Extra fine stock, cut from bench now ready for 5, 6, 7 and 8-inch pots. At \$25.00, \$50.00, \$75.00 and \$100.00 per 100. KENTIAS, RUBBERS, ASPARAGUS PLUMOSUS NANUS. Cash or reference please.

L. H. FOSTER, 45 King St., DORCHESTER, MASS.

PALMS, FERNS

AND

Decorative Plants.

R. DREYER, Woodside, L. I., N. Y.

LATANIA PALMS.

6-in., 2 and 3 plants to pot..... \$ 9.00 per doz.
7-in., 1 plant to pot, 7 to 9 leaves... 12.00 per doz.
8-in., 1 plant to pot, 7 to 10 leaves,
2½ to 3½ feet in height and
diameter..... 18.00 per doz

ARECAS.

4-in., 2 and 3 plants to pot, standing 2 ft. \$4.00 doz
6-in., 2 and 3 plants to pot, standing 3 ft. 9.00 doz
J. W. COLFLESH, 53d St. and Woodlawn Aves., Phila.

Nephrolepis Scottii.

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston Fern in a given time. Prices, 6-inch pot-grown, ready for 8-inch, \$15.00 per doz.; 7-inch, pot-grown, \$24.00 per doz.; 8-inch, pot-grown, \$36.00 per doz.

John Scott, Keap St. Greenhouses, BROOKLYN, N. Y.

It is good business policy to mention the

American Florist

.....when writing to an advertiser.

Palms and Asparagus Cheap.

| | | |
|-----------------------------------------------|-------------------------|--------|
| Latania Bor. , 2-in. pot, | seed leaves.. | 8.00 |
| " " 3-in. pot, 16-18 in., | 2-3 chr. lvs. | 12.00 |
| " " 5-in. pot, 18-20 in., | 3-4 chr. lvs. | 16.00 |
| " " 5-in. pot, 20-24 in., | 4 chr. lvs. | 20.00 |
| Kentia Bel. , 2½-in. pot, | 6-8 in., 3 leaves.. | 10.00 |
| " " 3-in. pot, | 8-10 in., 3-4 leaves.. | 12.50 |
| " " 4-in. pot, | 12-16 in., 4-5 leaves.. | 16.00 |
| Asparagus Sprengeri , 2-inch..... | | \$2.00 |
| Asparagus Plumosus Nanus , 2-inch..... | | 2.50 |
| " " 8-inch..... | | 5.00 |

SHERMAN NURSERY CO.,
CHARLES CITY, IA.

Boston Ferns

Nice, clean stock, from 2½-inch pots, \$5.00 per 100; 3-inch pots, \$8.00 per 100. Cut from the bench, suitable for 4-inch, 5-inch, 6-inch pots, at \$15.00, \$20.00 and \$25.00 per 100.

ARAUCARIA EXCELSA, 5-inch pots, 3 to 4 tiers, 50c each, or \$5.00 per doz.

Ocean Park Floral Co.,

E. J. VAWTER, Pres. OCEAN PARK, CAL.
Please mention the American Florist when writing.

Boston Ferns.

Strong bushy plants, from bench, ready for 5-inch pots, 20c each.

ASPARAGUS SPRENGERI.

2½-inch, very strong, ready for immediate shift, \$2.50 per 100; \$20.00 per 1000. Cash.

H. N. EATON, So. Sudbury, Mass.

FERNS for FERNERIES

All the popular sorts. Fine bushy plants, 3-inch pots, \$6.00 per 100.

Chas. A. Knapp,
CHESTNUT HILL, PA.

Boston Ferns.

From bench, \$1.50 to \$10.00 per 100.

ASPARAGUS SPRENGERI, own stock, in fine shape, 2-inch, 2c; 2½-inch, 3c.

CANNAS, in twenty best varieties, \$2.00 per 100.

W. W. COLES, Kokomo, Ind.

JOSEPH HEACOCK,

WYNCOTE, PA.

—GROWER OF—

Kentia Belmoreana
and **Kentia Forsteriana**

BOSTON FERNS.

4-in., \$15.00; 5-in., \$15.00; 6-in., \$40.00 per 100.
7-in., 60c; 8 in., 75c each. Strong rooted runners of SCOTII, \$5.00 per 100. Of PIERSONI and BOSTON, \$2.00 per 100.

DAVIS BROS., MORRISON, ILL., and GENEVA, ILL.

JAMAICA, N. Y.—Fire destroyed the big greenhouse at Cedar Lane and South road, November 28, caused by an overheated stove setting fire to the woodwork. The building was owned by William Grimm. Damage \$500.

ORDERS TAKEN FOR
Rooted CARNATION Cuttings.
Strong Healthy Stock.

| | |
|--------------------|----------|
| | Per 1000 |
| ENCHANTRESS | \$30.00 |
| PROSPERITY | 25 00 |
| LAWSON | 20.00 |
| NELSON | 25.00 |
| ESTELLE | 20.00 |
| QUEEN LOUISE | 15 00 |
| WOLCOTT | 20 00 |
| HOOSIER MAID | 15.00 |

HENRY BAER,

R. F. D. 3.

Peoria, Ill.

Peacock's
...Dahlias

For plants or bulbs address

L. K. PEACOCK,

Dahlia Specialist,

ATCO, N. J.

VIOLETS.

We make a specialty of
VIOLETS. ❀ ❀ ❀

ELI CROSS, Grand Rapids, Mich.

SPECIALTIES

ROSES, from 3-inch pots,
CARNATIONS, for all delivery,
CHRYSANTHEMUMS,
SMILAX, VIOLETS.

In Best

Varieties

Prices Low. Send for List.

WOOD BROTHERS,

Fishkill, N. Y.

Stock Plants of Chrysanthemums

—EXTRA LARGE CLUMPS.—

WHILE THEY LAST AT THE FOLLOWING PRICES:

Amorita, May Foster, Marie Liger, Omega, Timothy Eaton and Walter Molatsch, \$10.00 per 100.
 Cheltoni, Dr. Enguebard, F. S. Vallis, Marion Newell, Mrs. Coombes, Wm. E. Chadwick, W. A. Etherington, Wm. Duckham and Yellow Eaton, \$15.00 per 100.
 A. J. Balfour, Baccace, Ben Wells, Convention Hall, C. J. Salter, F. A. Cobbold, Golden Chadwick, Harrison Dick, Harry Plumridge, Leila Filkins, Lord Salisbury, Mlle. Martha Morel, Miss Helen Frick, Mrs. H. W. Buckbee, Mrs. E. Thirkell, Maynell, M. F. Vuillermet, Percy Plumridge, Rockford, Sunburst and Wm. R. Church, \$20.00 per 100.

Chicago, **Vaughan's Greenhouses**, Western Springs, Ill.

GIANT PANSIES.

\$2.00 per 1000. Colors the best. Sure Sellers.

Daisies, Snowball, Longfellow, \$2.00 per 1000, small plants.

Allysæum, Giant Double, strong, 2 inch 2c.
Heliotrope, blue, 2-inch, 1½c; R. C., ¾c. **Alternanthera**, best red and yellow, R. C., ¾c. **Asparagus Sprenger**, 2-in., 2c. **Plumoseus Nanus**, 1½-in., 2c; 3-in., 5c. Rooted cuttings, prepaid.

—CASH—

BYER FLORAL COMPANY, Shippensburg, Pa.

Please mention the American Florist when writing.

PANSY PLANTS THE JENNINGS STRAIN

Fine plants, fancy colors, large flowering. Large plants in bud and bloom, \$1.00 per 100. Medium size for cold frames, \$3.50 per 1000; 500 for \$2.00. By mail, 75c per 100. Seed, \$1.00 per pkt.; \$5.00 per oz. Cash with order.

E. B. JENNINGS, Lock Box 254, Southport, Conn.

GROWER OF THE FINEST PANSIES.

Please mention the American Florist when writing.

ASPARAGUS

Plumoseus Nanus, 2¼-inch pots, per 1000, \$15.00; per 100, \$2.00.

Pansy Plants.

Large flowering, per 1000, \$2.50; per 100, 60c. Cash.

JOS. H. CUNNINGHAM, Delaware, O.

Please mention the American Florist when writing.

GARDENIA PLANTS.

(GRANDIFLORA CAPE JESSAMINE.)

Our leading specialty. Natural growing conditions here ideal; size tells its own story. We do not think they can be equaled elsewhere. 1-year, 18 to 24-in., \$1.50 per doz.; \$10.00 per 100. Dormant now and until February 25th.

C. W. BENSON, Alvin, Tex.

Please mention the American Florist when writing.

The Gardeners' Directory....

NEW BOOK, FIRST EDITION.



**PRACTICAL
 CONVENIENT
 COMPLETE
 INVALUABLE
 THOUSANDS
 OF
 NAMES
 AND
 ADDRESSES.**



THIS book contains complete lists of **Gardeners and Estates Employing Gardeners** in the United States and Canada, arranged for ready reference by states and post-offices. The gardeners are also arranged alphabetically. The book contains a reliable list conveniently indexed, of the leading **Horticultural and Kindred Societies**, with the names and addresses of the Secretaries. **Price \$5.00 postpaid.**

AMERICAN FLORIST COMPANY,

324 Dearborn St., CHICAGO.

The Allied Trades

Descriptive particulars—with drawings or photographs, if possible—of any new apparatus or device which may prove helpful to the trade are solicited for this department.

EARLY in the new year a new ventilating machine will be put on the market which is said to possess superior merit.

THE glass situation remains about as previously reported in this department, but it is expected that prices will advance early in the new year.

Cement and Drain Tile Benches.

We have had many applications for information concerning the cement and drain tile bench now employed in so many of the modern greenhouse structures and reproduce herewith a sketch of same kindly supplied by the Lord & Burnham Company, of New York. This plan particularly refers, we understand, to the benches employed in the new houses of the Dailedouze Brothers' establishment at Flatbush, N. Y. The various details are shown so clearly that further explanation appears unnecessary.

A Philadelphia Supply House.

July seems to be a month of action with M. Rice & Company, the well known florist supply concern of Philadelphia. Four years ago they were announcing their removal to their present quarters. Now they are anticipating a removal to a new six story building at 1220 Race street, which they will have ready for occupancy about July 1 if they can finish building by that time. The new building will afford about 12,000 square feet of space, and relieve their present congested condition very much. Their offerings to the trade just now are worth more than passing notice. Their holly ribbon is a Christmas novelty which is moving well. Another novelty is a gold cord, useful for almost any kind of work, and which they state will not tarnish. In general ribbons they have a distinct novelty in chiffon, which is an embodiment of color, in each of the spectrum colors, grading from the prime to the haloes or really the quarters, rainbow effects in fact. It is hard to imagine anything more striking. They have also some novelties in the way of lace scarfs for bridal bouquets.

Perhaps the most notable novelty they

have is Empress silk ribbon which is for use in tying up boxes, instead of string or cord. It is supplied in all shades and is a "taker" in every sense of the word. Another novelty they have which appeals to florists is a vase for American Beauty roses made of birch twigs. This has loving cup handles and is really a cover for standard fibre jars in different sizes. Velvet two toned crepe paper is another novelty which the firm finds is taking with the trade.

Milwaukee.

Trade is active and all stock with the exception of Paper Whites and Romans is cleaning out very well. American Beauty are in short supply with high prices for good stock. Carnations are now up to the highest standard and are selling very well.

The monthly meeting of the Florists' Club, on Tuesday, was well attended. Fred Schmeling read a paper on "Christmas Flowers and Plants." It was well received and caused considerable debate. The annual election also took place. The following were elected: President, Frank P. Dilger; vice-president, Robt. Zepnick; secretary, Herman V. Hunkel; treasurer, C. Dallwig. Fred H. Holton and Fred Schmeling were elected trustees.

Will Currie, who spent five months in Scotland, has returned, and the result of his rest may be plainly seen.

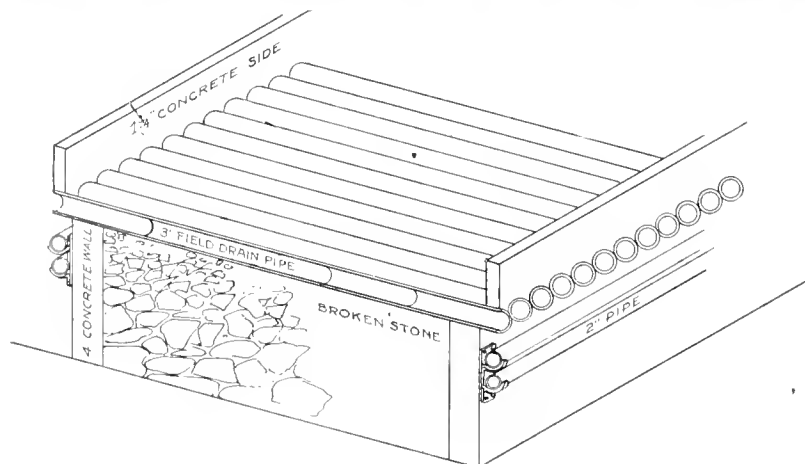
Wm. Edlefsen and daughter have been spending a week at St. Louis.

Holton & Hunkel Company's new store is causing comment; everyone who sees it says it is one of the best appointed places in the country. H. V.

Battle Creek, Mich.

The office, potting shed and contents, one entire greenhouse and stock and one-third of another greenhouse and stock, of C. C. Warburton, were destroyed by fire Sunday morning, November 27, with a loss of \$3,000. The office and potting shed will be rebuilt, also burned portion of greenhouse least damaged. Mr. Warburton will try and get ready for spring trade, although his spring stock was all ruined. The stock in general was in fine condition, and everything seemed prosperous, with good trade. Mr. Warburton's hard work of four years was destroyed in two hours.

FALL RIVER, MASS.—In a \$12,000 fire in the center of the city on the evening of November 25 Michael Conroy sustained a loss of \$500, with no insurance.



SECTION OF CEMENT AND DRAIN TILE BENCH.

Long Distance THERMOMETERS

REGISTER CAN BE READ 20c
TEN FEET AWAY.

WM. ELLIOTT & SONS, New York.

H. Bayersdorfer & Co.

50 to 56 North Fourth St.,

PHILADELPHIA.

L. BAUMANN & CO.,

Importers and Manufacturers of
Florist Supplies

76-78 Wabash Ave., CHICAGO.

Write for our New Catalogue F. Our prices may interest you.

A. HERMANN,

Cape Flowers, all colors,
Cycas Leaves, Metal Designs,
and All Florists' Supplies.

SEND FOR PRICES.

404-412 East 34th Street, NEW YORK.

Wired Toothpicks

10,000, \$1.50; 50,000, \$6.25. Manufactured by

W. J. COWEE, BERLIN, N. Y.
Sample Free. For sale by dealers.

KORAL LETTERS

For Sale by all Wholesale Houses.

Koral Mfg. Co.,
12 Hawley Place, Boston, Mass.

"NICOTICIDE"

KILLS BUGS

TOBACCO WAREHOUSING & TRADING CO.
LOUISVILLE, KENTUCKY.

SPHAGNUM MOSS Clean and fresh shipment, direct from the swamp. 5 barrel bales, \$1.25; 3 bales, \$3.25; 5 bales, \$5.00;

H. R. AKERS, Chatsworth, N. J.

NICKEL PLATE.
The New York, Chicago & St. Louis R.R.

NO
EXCESS
FARE
ON ANY
TRAIN

Three Express Trains East every day in the year. Pullman Drawing Room Sleeping Cars on all Trains. Trans-Continental Tourist Cars leave Chicago Tri-Weekly on Tuesdays and Sundays at 2:30 p. m., on Wednesdays at 10:35 a. m. Chicago to Boston without change. Modern Dining Cars serving meals on individual club plan, ranging in price from 35c to \$1.00; also service a la Carte. Coffee and Sandwiches, at popular prices, served to passengers in their seats by waiters. Direct line to Fort Wayne, Findlay, Cleveland, Erie, Buffalo, Rochester, Syracuse, Binghamton, Scranton, New York City, Boston and all points East. Rates always the lowest. Colored porters in uniform in attendance on all Coach Passengers. If you contemplate a trip East, call on any convenient Ticket Agent, or address JOHN Y. CALAHAN, Gen'l Agent, 113 Adams St., Chicago, Ill.

FUMIGATE WITH "NICO-FUME" TOBACCO-PAPER INSECTICIDE.

SOMETHING NEW! A great improvement over all other Tobacco-Papers, or other methods of Fumigating.

**SEE
HOW
EASY!**



For Sale by
All Prominent Seedsmen.

Nico-Fume is Packed in Special Friction-Top Tins, preventing loss of strength by evaporation.

PRICE:

24 sheets . . . 75 cts.
144 sheets . . . \$3.50
288 sheets . . . 6.50

The Chicago Carnation Company states: "Nico-Fume" does the work more effectively and with less inconvenience to ourselves than anything we have tried heretofore, and we have tried everything else."

Mr. Peter Welland states: "Nico-Fume" is very effective; leaves no odor on the blooms; does not affect the color; and is to my knowledge the cheapest fumigating product now in use."

Mr. John H. Dunlop states: "I am satisfied that, if the quality is maintained, 'Nico-Fume' will be the standard fumigating material."

MANUFACTURED BY THE KENTUCKY TOBACCO PRODUCT CO., LOUISVILLE, KENTUCKY
Write for Free Pamphlet. Also Mfrs. "Rose Leaf" Tobacco Extract.

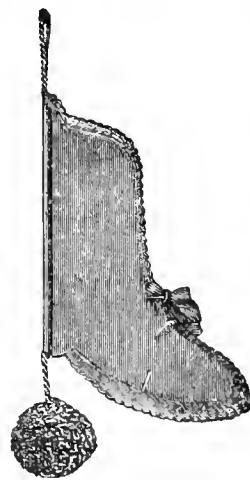


OPEN

WINTERSON'S Folding Christmas Bells

THE MOST POPULAR NOVELTY of the SEASON.

6-inch \$1.80 per doz.; 9-inch, \$3.75
per doz.; 12-inch, \$7.50 per doz.



CLOSED

The Bell that will sell to the "Elite" trade and is not to be compared with the poorly made tissue paper stock which has flooded the market. Last year we could not get enough of the above to supply demand. Order now while stock is complete.

A Full Line of { Bouquet Green, Wreathing, Immortelles,
Cape Flowers, Mistletoe, Selected Holly,
Holly Wreaths, Etc., Etc

Write for Complete Holiday Circular. It is complete with money makers for Christmas Sales.

E. F. Winterison Co. 45-47-49 Wabash Ave.,
CHICAGO.

BOOKS FOR FLORISTS.

The time is coming along when these are needed and opportunity at hand for reading them. Every one of the following should be in your library.

Send prices quoted and we send the books.

GREENHOUSE CONSTRUCTION (Taft).—It tells the whole story about how to build, and heat a greenhouse, be it large or small, and that too in a plain, easily understood, practical way. It has 118 illustrations. \$1.50.

HEATING AND VENTILATING BUILDINGS (Carpenter).—This book covers the entire subject most fully. In the preparation of heating and ventilating plans, it will be found a most valuable guide. \$4.00.

STEAM HEATING FOR BUILDINGS (Baldwin).—Contains valuable data and hints for steam fitters and those who employ this method of heating. The 350 pages are fully illustrated. \$2.50.

THE HORTICULTURIST'S RULE-BOOK (L. H. Bailey).—Contains information valuable to all those engaged in any branch of horticulture. Illustrated. 312 pages. 75 cents.

PRACTICAL FLORICULTURE (Peter Henderson).—A guide to the successful propagation and cultivation of florists' plants. Illustrated. 325 pages. \$1.50.

THE ROSE—Its cultivation, varieties, etc. (H. B. Ellwanger).—A complete guide of the cultivation of the rose, together with the classification of all the leading varieties. \$1.25.

GINSENG (Kains).—At the present time when so much interest is taken in ginseng it will be interesting to peruse this volume, which tells all about the plant in a way that all may understand. The 144 pages are freely illustrated. 50 cents.

THE PRINCIPLES OF FRUIT GROWING (Bailey).—The entire subject of fruit culture is treated very thoroughly in this illustrated volume of 516 pages. It is a book that no up-to-date fruit grower can afford to be without. \$1.25.

CHRYSANTHEMUM MANUAL (Smith).—By an expert who has given his undivided attention for twenty years to the improvement of the chrysanthemum and its culture in detail. Profusely illustrated. 25 cents.

CABBAGES, CAULIFLOWER AND ALLIED VEGETABLES (Allen).—The requirements of the important vegetables of the cabbage tribe are given here very fully. The book also contains interesting chapters on seed raising, insect pests and fungus diseases common to these plants. 50 cents.

LANDSCAPE GARDENING (Waugh).—This is a very useful little book on the art of landscape gardening. It will be found exceptionally valuable to amateurs as it covers in detail the numerous problems that come to the owners of small gardens. It is freely illustrated and the pictures have been chosen with a view to informing the reader rather than decorating the book. 50 cents.

ASPARAGUS (Hexamer).—A practical treatise on the planting, cultivation, harvesting and preserving of asparagus with notes on its history and botany. This book is mainly devoted to the culinary kinds of asparagus, but there is also some reference to the ornamental species. 50 cents.

HEDGES, WINDBREAKS, ETC. (Powell).—A treatise on the planting, growth and management of hedge plants for country and suburban homes. A volume of 140 pages with twenty-two illustrations. 50 cents.

AMERICAN FLORIST CO.,

824 Dearborn Street,

CHICAGO.

Tobacco Dust

FOR FUMIGATING.

It would pay large users of dust to communicate with us and get samples and prices.

Edwin L. Koppelman & Co., 81 PINE STREET, NEW YORK.

ROSSIG BROTHERS,

—MANUFACTURERS OF—

Artificial Leaves.

ALL STYLES IN HUNDREDS OF DIFFERENT DESIGNS. PAPER AND MUSLIN. SMILAX, YARDS and PIQUETS. Samples Furnished to the Jobbing Trade Only.

497 West Broadway, NEW YORK.

BEST ENGRAVINGS and ILLUSTRATIONS

—Of Every Description—

FOR CATALOGUES.

SEE OUR WORK IN THIS PAPER.

SEND FOR ESTIMATES.

GLOBE ENGRAVING and ELECTROTYPE CO.

407-427 Dearborn St., CHICAGO.

FLORIST Plain, Violet, Rose FOIL

MADE BY

The John J. Crooke Co.

155 Ave. D, NEW YORK. 149 Fullon St., CHICAGO.

C. S. FORD,

1417 Columbia Avenue,

Philadelphia, Pa.

Established 1881.

MANUFACTURER OF

IMMORTELLE NOVELTIES

AND DEALER IN

FLORISTS' SUPPLIES

See issue of Nov. 19 for price list of Christmas Novelties. Also Representing

A. HERRMANN, 404 E. 34th St., New York,

D. B. LONG, Buffalo, N. Y., and others.

Selling agent for Palms and general plant stocks.

Christmas Bells. Gold Letters, 50c per 100 up.

Correspondence solicited.

"NICOTICIDE"

THE BUG KILLER

TOBACCO WAREHOUSING & TRADING CO.
LOUISVILLE, KENTUCKY.

BURNS AND KILLS.

Riverside, R. I.

Ship another bag of the Fumigating Kind Tobacco Powder. It burns very good and kills the bugs. F. L. SCHELLINGER.

See page 861.

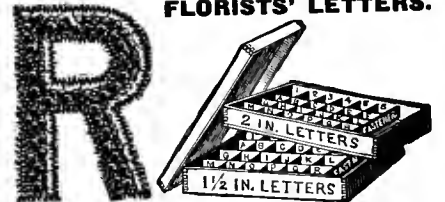
IT IS NOT...

what you pay for the advertisement but what the advertisement pays you. It pays to advertise in the American Florist.

Boston Florist Letter Co.

MANUFACTURERS OF

FLORISTS' LETTERS.



This wooden box nicely stained and varnished, 18x30x12 made in two sections, one for each size letter, given away with first order of 500 letters.

Block Letters, 1 1/2 or 2-inch size, per 100, \$2.00. Script Letters, \$4. Fastener with each letter or word.

Used by leading florists everywhere and for sale by all wholesale florists and supply dealers.

N. F. MCCARTHY, Treas. and Manager,
84 Hawley St., BOSTON, MASS.

Please mention the American Florist when writing.

CUT FLOWER BOXES

WATERPROOF

Corner Look

Style.

The best, strongest and neatest folding out flower box ever made. Cheap, durable. To try them once is to use them always. Per 100 Per 1000

| Size No. | 0 | 3x 4x20 | 1.90 | 17.50 |
|----------|--------------|---------|-------|-------|
| 1 | 3x 4 1/2 x16 | 2.00 | 19.00 | |
| 2 | 3x 6x18 | 2.50 | 23.00 | |
| 3 | 4x 8x18 | 2.75 | 26.00 | |
| 4 | 3x 5x24 | 3.00 | 28.50 | |
| 5 | 4x 8x22 | 3.75 | 36.00 | |
| 6 | 4x 8x28 | 5.50 | 54.00 | |
| 7 | 6x16x20 | 3.00 | 28.50 | |
| 8 | 3x 7x27 | 6.50 | 62.00 | |
| 9 | 5x10x35 | 9.50 | 67.50 | |
| 10 | 7x20x20 | 3.00 | 28.50 | |
| 11 | 3 1/2 x5x30 | | | |

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

THE LIVINGSTON SEED COMPANY,
BOX 104, COLUMBUS, OHIO.

Please mention the American Florist when writing.

SIGMUND GELLER,

FLORISTS' SUPPLIES and RIBBONS.

108 West 28th Street, New York.

NOVELTIES always on hand.

U KNOW US The Leading Florists' SUPPLY HOUSE

ORDER NOW YOUR CHRISTMAS REQUIREMENTS.

RED IMMORTELLS (Best Ever) Green Moss Wreaths.

Red Immortelle Round Wrapped Wreaths, exceptional color.

Magnolia, Laurel and Ilex Wreaths, brown and green.

RED PAPER and IMMORTELLE BELLS, All Sizes.

Now is the time and this is the place to get the Best Christmas Goods—Prices Always Right.

M. RICE & CO., ——— **RIBBON SPECIALISTS** ———
IMPORTERS AND MANUFACTURERS
916 and 918 Filbert St., PHILADELPHIA.

WELCH BROS. 15 Province Street,
BOSTON.

~ ~ ~ CORRUGATED CUT FLOWER BOXES. ~ ~ ~

PRICE LIST.

| SHIPPING BOXES. | Per 100 | WREATH. | Per 100 | PILLOW. | Per 100 |
|-----------------|---------|---------------|---------|----------------|---------|
| 26x10x5..... | \$ 9.27 | 16x16x7..... | \$10.95 | 22x13x11..... | \$12.72 |
| 30x12x7..... | 12.72 | 18x18x8..... | 12.73 | 24x14x12..... | 15.35 |
| 36x12x9..... | 17.34 | 20x20x9..... | 14.97 | 26x15½x13..... | 17.55 |
| 40x14x8..... | 19.37 | 22x22x10..... | 17.40 | 28x18x14..... | 20.25 |
| 45x10x5..... | 14.03 | 24x24x12..... | 23.00 | 30x20x16..... | 24.50 |
| 48x14x8..... | 20.75 | 26x26x13..... | 24.61 | 32x21½x17..... | 28.25 |
| | | 28x28x14..... | 27.82 | 34x22½x18..... | 30.88 |
| | | 30x30x15..... | 31.14 | 36x24x20..... | 36.37 |
| | | 32x32x16..... | 33.61 | | |
| | | 34x34x17..... | 37.20 | | |
| | | 36x36x18..... | 41.17 | | |
| BOUQUET. | Per 100 | | | VIOLET. | Per 100 |
| 10x10x10..... | \$ 8.37 | | | 5x8x6..... | \$3.00 |
| 12x12x12..... | 10.25 | | | | |

Are all flower growers liars?

Surely this cannot be true. Well, we have over 100 growers who have written us, a large majority without request, their opinions; we publish a few of these letters in the columns of this paper, see on pages 834, 852, 858, 860, what they say about the FUMIGATING KIND TOBACCO POWDER. All began with a five pound trial bag at our expense, which gave them an opportunity, without cost, to prove its GOODNESS and our assertion that it was the most effective, cleanest and quickest, as well as the cheapest (10 cents per 100 foot house) article to fumigate with, and that all kinds of aphids can be killed in one night. Let us send you a five pound trial bag by express, it will cost you nothing but the express charges on it, and be convinced that what your brother growers say of it is true. Our booklet tells of it; we mail it on request.

The H. A. STOOHOFF COMPANY, Tobacco Powder Hobbyists,
116, 117, 118 West Street, NEW YORK.

REED & KELLER,
122 West 25th St., NEW YORK.
Importers and Manufacturers of
FLORISTS' SUPPLIES
Galax Leaves and all Decorative Greens.
New York Agents for Caldwell's Monroe, Ala.,
"Parlor Brand" Smilax.
Please mention the American Florist when writing.



Send for Booklet entitled "HOW."
The PERFECT FLUE CLEANER
C. S. KREIDLER, Sla. H. Cleveland, O.
Please mention the American Florist when writing.

Florists' Printing
We will save you 25 per cent on Envelopes, Letter Heads, Note Heads, Bill Heads, Statements, etc. We make a specialty of RED LEAF Shipping Cards, Fresh Flowers, or Live Plants. Write for prices. Express charges prepaid on all orders. Give us a trial order.
WICKHAM BROS.,
84 Vine Street, ADRIAN, MICH.
Please mention the American Florist when writing.

Established 1899. Tel. 174 Bergen.

Phillips Manufacturing Co.

222-226 Kearney Ave., Jersey City, N. J.

Horticultural Architects, Builders
and Heating Engineers.Designers and Manufacturers of
every description of Glass Houses
for private or commercial uses. Most
modern and up-to-date.If you write or telephone us, we do
the rest.

—RUSTIC WORK A SPECIALTY.—

**GEO. KELLER & SON,**
MANUFACTURERS OF
FLOWER POTS.

Before buying write for prices.

361-363 Harndon Street,
near Wrightwood Ave.,
CHICAGO, ILL.**Standard Flower... POTS**If your greenhouses are within 500
miles of the Capitol, write us, we
can save you money.....**W. H. ERNEST,**

28th and M Streets. WASHINGTON, D. C.

Please mention the American Florist when writing.

—WRITE—

A. F. Kohr

1621-23 N. Leavitt St., CHICAGO, ILL.,

FOR PRICES OF

Standard Pots which for
strength and
porosity combined are the best on the market.
Please mention the American Florist when writing**GOT STUCK BY AN IMITATOR.**

Carthage, Mo.

We ran out of your Fumigating Kind
Tobacco Powder and tried some that a home
dealer recommended very highly, it was a
great deal cheaper, but it was a dear experi-
ence, as it injured the blooms when enough
of it was used to be effectual in killing insects.
We must say, emphatically, yours was in
every way satisfactory; in future yours for us.
See page 861. FINN & SON.

Please mention the American Florist when writing.

National Florists' Board of Trade,

Office: 56 Pine Street, New York.

Credit Reference Book. A subscription to our
Credit List will cost you \$10 a year, and it may
save you \$100 the first month. Special Reports.
We make a specialty of this part of our work.
Collections. We collect slow and doubtful ac-
counts. Why not go through your books at once
and send us all the claims that are in arrears?**ALL** Nurserymen, Seedsmen and Florists wishing
to do business with Europe should send for the**"Horticultural Advertiser"**This is the British Trade Paper, being read weekly
by all the Horticultural traders; it is also taken
by over 1000 of the best continental houses.
Annual subscription to cover cost of postage 75c;
Money orders payable at Lowdham, Notts.Address **EDITORS OF THE "H. A."**
Chilwell Nurseries, LDWDHAM, Notts, England.

From New South Wales.

AMERICAN FLORIST CO.:—Enclosed
please find postoffice order in payment of
my subscription to the AMERICAN FLO-
RIST, which reaches me with regularity
and often contains articles and advertise-
ments that are of considerable interest
to me in my business.

R. CHEESEMAN.

INSURANCEof your plants from freezing in cold weather at but a
trifling cost if you will use a**LEHMAN WAGON HEATER.**There is no danger of fire; no smoke, dirt or gases to injure the
plants. They burn **LEHMAN COAL** which costs less than $\frac{1}{2}$ cent per hour. Can you afford
to be without one? 250,000 Lehman Heaters are in use by Florists, horsemen, physicians, etc.
They all highly recommend them. What better endorsement could we offer you? Beware of
imitations. For circular and price list write**LEHMAN BROS.,**

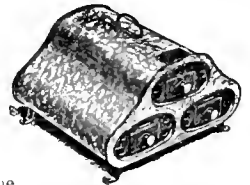
Manufacturers,

10 Bond St., NEW YORK.

J. W. ERRINGER,

General Western Sales Agent,

45 E. Congress St., CHICAGO.

**Standard Flower Pots****The WHILLDIN POTTERY COMPANY,**

PHILADELPHIA PA.

JERSEY CITY, N. J.

LONG ISLAND CITY, N. Y.

Traveling Representative, U. CUTLER RYERSON, 108 Third Ave., Newark, N. J.

THE KELLER POTTERY COMPANY,**Manufacturers of FLORISTS' RED STANDARD POTS.**

Azalea Pots, Bulb and Fern Pans, Etc.

Write for Price List. 213-15-17-19-21-23 Pearl St., NORRISTOWN, PA.

Kramer's Pot Hanger

Patent Applied For.

The neatest, simplest, most
convenient and only
practical device for convert-
ing ordinary flower pots into
hanging baskets. They fit
all standard made pots from
2 to 10 inches in diameter.
The illustration shows how
they are attached. Just the
thing for hanging up ferns,
begonias, etc. You can make
room and money by their
use. Try them.**FOR SALE BY WHOLESALE
SEEDSMEN, FLORISTS AND
SUPPLY DEALERS.**Price with wire chain as
shown in cut, \$1.00 per dozen
by express. Sample dozen
by mail, \$1.25.**I. N. Kramer & Son,** Cedar Rapids,
Iowa.**STANDARD FLOWER POTS!**

Packed in small crates, easy to handle.

| Price per crate | Price per crate |
|------------------------------|-----------------------------|
| 1500 2-in., in crate, \$4.88 | 120 7-in., in crate, \$4.20 |
| 1500 2½ " " 5.25 | 60 8 " " 3.00 |
| 1500 3 " " 6.00 | 48 9-in., in crate, \$3.60 |
| 1000 3 " " 5.00 | 48 10 " " 4.80 |
| 800 3½ " " 5.80 | 24 11 " " 8.60 |
| 500 4 " " 4.50 | 24 12 " " 4.80 |
| 320 5 " " 4.51 | 12 14 " " 4.80 |
| 144 6 " " 3.16 | 6 16 " " 4.50 |

Seed pans, same price as pots. Send for price
list of Cylinders for Cut Flowers, Hanging Baskets,
Lawn Vases, etc. Ten per cent off for cash with
order. Address**HILFINGER BROS. POTTERY, Fort Edward, N. Y.**
Or **August Rolker & Sons, New York Agents,**
31 Barclay Street, New York City.

Please mention the American Florist when writing.

THOSE RED POTS

"STANDARDS"

FULL SIZE AND WIDE BOTTOMS.
BULB PANS AND AZALEA POTS.**DETROIT FLOWER POT M'FY.,****HARRY BALSLEY,**
Rep.**DETROIT, MICH.,**
490 Howard St.,

Please mention the American Florist when writing.



WHY NOT BUY

RED POTS

OF US?

STANDARD SIZE

Quality—No Better.

Florists getting in their win-
ter supplies will find it to
their advantage to write
us. Catalogue free.**Syracuse Pottery Co.,**

Syracuse, N. Y.

**BEST POT IN THE
MARKET.****RED POTS**SAMPLE POT AND PRICE LIST
ON APPLICATION.**C. C. POLLWORTH CO., MILWAUKEE,**
WIS.....

PUMPS Rider-Ericson. Second-hand. From \$45.00 up; all repairs; other makes; new; cheap.

BOILERS Second-hand Greenhouse Boilers guaranteed. Send for prices; state size wanted.

PIPE New 2-in. full lengths, with coupling, 8¢ c. a foot. Good serviceable second-hand, 2-in., 6¢ c; 1½-in., 5¢ c; 1¼-in., 3¢ c; 1-in., 3¢ c; ¾-in., 2¢ c. New and old fittings and valves.

GARDEN HOSE New, ¾-in., guaranteed 100-lbs. pressure, 7¢ c per ft.; ½-in. not guaranteed, 4¢ c per ft.

HOTBED SASH New. Cypress, 3x6-ft., from 70¢ up; glazed, complete, from \$1.60 up.

GLASS 12x12 single, 10x12 single, 8x10 single, \$2.00 per box; 8x10 double, \$2.50 per box; 10x12 double, 12x12 double, \$2.65 per 100; 12x16 double, 16x18 double, \$2.85 per box; 16x24 double at \$3.10 per box.

Get our prices on New Cypress Building Material, Ventilating Apparatus, Oil, White Lead, Putty, Paint, Points, etc.

OLD GREENHOUSES BOUGHT.

SEND FOR PRICES ON STEAM FITTING TOOLS.

References: Bradstreet's, Dunn's or Broadway Bank of Brooklyn.

METROPOLITAN MATERIAL CO.,

1398-1408 Metropolitan Ave., BROOKLYN, N. Y.

The Standard VENTILATING MACHINERY



The original machine with self-oiling cups. The most powerful, least complicated, very compact with ease of operation.

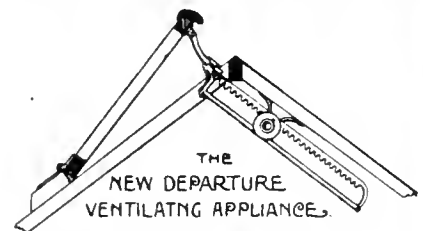
The New Duplex Gutter

Over six miles in use and highly recommended by all. The only Duplex gutter on the market.

The Standard Return Steam Trap

It has no equals for simplicity or its working. Catalogue free.

E. HIPPARD, Youngtown, Ohio,



CHEAPEST AND BEST.

If you doubt it try them and be convinced. Send for descriptive price circular.

J.D. Carmody, Evansville, Ind.

H. M. HOOKER CO.

Window Glass, Paints and Putty.
Greenhouse Glass a Specialty.

59 W. Randolph St., CHICAGO.

Holds Glass Firmly
See the Point
PEERLESS
Glazing Points are the best. No rights or lefts. Box of 1,000 points 75 cts. postpaid.
HENRY A. DREER,
714 Chestnut St., Phila., Pa.

Always mention the.....

American Florist

when you write to an advertiser.

The James H. Rice Co.

—IMPORTERS and JOBBERS—

GREENHOUSE GLASS

A SPECIALTY.

Window Glass, Paint, Putty, etc.

80-82 Wabash Avenue and 34 to 40 South Water Street, CHICAGO.

Use our Patent
**IRON BENCH
FITTINGS and
Roof Supports.**



Improved Vaporizing Pans **VENTILATING**
For Tobacco Extracts, Etc. Send for Circulars.
DILLER, CASKEY & CO., SUCCESSORS TO
JENNINGS BROTHERS,
S. W. Cor. Sixth and Berk Sts., PHILADELPHIA. **APPARATUS.**



A sample of our Gutter is on Exhibition at the Chicago Flower Growers' Market.

CYPRESS
IS FAR MORE DURABLE THAN PINE.

**CYPRESS
SASH BARS**
UP TO 32 FEET OR LONGER.

GREENHOUSE
AND OTHER BUILDING MATERIAL,
MEN FURNISHED TO SUPERINTEND
ERECTION WHEN DESIRED.
Send for our Circulars.
THE A.T. Stearns Lumber Co.,
NEPONSET, BOSTON, MASS.

Please mention the American Florist when writing.

**D. O.
Cunningham
Glass Co.**

PITTSBURG, PA.

TANK WINDOW GLASS.

Hot-House Glass a Specialty.

Please mention the American Florist when writing.

Sprague Smith Co.

PLATE AND WINDOW GLASS

Greenhouse Glass a Specialty.

205 Randolph Street, CHICAGO.

GULF CYPRESS GREENHOUSE MATERIAL

HOT-BED SASH, BOILERS, PIPES, FITTINGS,
VENTILATING APPARATUS.

GLASS AT WHOLESALE.

We furnish everything for building. Send for prices and catalogues.

S. Jacobs & Sons, 1365-1373 Flushing Ave.
BROOKLYN, N. Y.

Please mention the American Florist when writing.

GLASS.

GOOD BRANDS.
QUICK SHIPMENTS.
LARGE STOCK.

Warehouse on railroad switch. Be sure
and get our prices.

Sharp, Partridge & Co.

22nd St. and Union Place, CHICAGO.

Please mention the American Florist when writing.

STENZEL GLASS CO.,
GREENHOUSE GLASS

French and American "WHITE ROSE"
Brand.

2 Hudson St.,
NEW YORK.

101 Portland St.,
BOSTON.

Please mention the American Florist when writing.

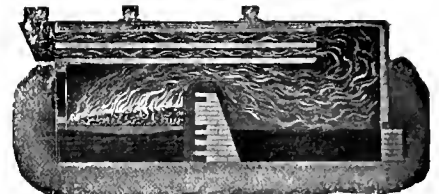
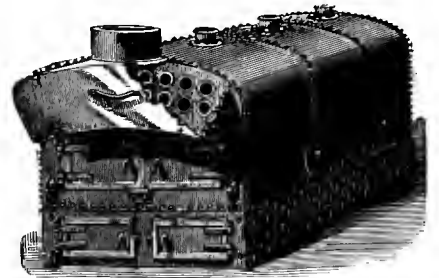
Index to Advertisers.

| | | | |
|----------------------------|-----|-----------------------------|-------|
| Abel Henry..... | 870 | Heller & Co..... | IV |
| Advertising rates..... | 872 | Heller Bros..... | 822 |
| Aitken Mark..... | 824 | Hereunder Mfg Co..... | VI |
| Akers H R..... | 858 | Hermitege Carnat Co..... | 855 |
| Albany Steam Trap Co..... | 844 | Herr Albert M..... | 855 |
| American Blower Co..... | 823 | Herrmann A..... | 858 |
| Amling E C..... | 823 | Hess & Swoboda..... | 826 |
| Anderson Wm..... | 826 | Hews A H & Co..... | 862 |
| Aschmann Godfrey..... | 848 | Hill The E G Co..... | I |
| Backer & Co..... | 855 | Hillinger Bros..... | 862 |
| Baer Henry..... | 857 | Hill The E G Co..... | I |
| Bancroft Jos & Son..... | 826 | Hilinode Florist Co..... | 854 |
| Bassett & Washburn..... | 823 | Hippard E..... | 863 |
| Baither Andrew..... | 852 | Hitchings & Co..... | VI |
| Baumann L & Co..... | 858 | Holm & Olson..... | 826 |
| Baur Floral Co..... | 852 | Holton & Hunkel Co..... | 822 |
| B. K. & B. Floral Co..... | 842 | Hooker H M Co..... | 863 |
| Bayersdorfer H & Co..... | 858 | Horan Edw Co..... | 825 |
| Beaven E A..... | 827 | Hort Advertiser..... | 862 |
| Beckert W C..... | IV | Hunt E H..... | 823 |
| Benson C W..... | 857 | Hylton J E & Co..... | 826 |
| Bentley-Coatsworth..... | 823 | Indianapolis Floral Co..... | 826 |
| Berkmans P J Co..... | 834 | Jacobs S & Sons..... | 863 |
| Berger Bros..... | 824 | Jennings E B..... | 857 |
| Berning H G..... | 822 | Kasting W F..... | I 851 |
| Bertermann Bros Co..... | 826 | Keller Geo & Son..... | 862 |
| Blaauw J & Co..... | 834 | Keller Pot Co..... | 862 |
| Bobhink & Atkins..... | 834 | Kennicott Bros Co..... | 822 |
| Boddington A T..... | 834 | Kentucky Tobacco | |
| Boston Letter Co..... | 860 | Product Co..... | 858 |
| Brague L B..... | 824 | Kervan Co The..... | 824 |
| Brant D Wood..... | 823 | King Construction Co..... | V |
| Breitmeyer's J Sons..... | 826 | Knapp Chas A..... | 856 |
| Brod John..... | 841 | Kobr A F..... | 862 |
| Bruns H N..... | 829 | Koppelman E L & Co..... | 869 |
| Buckley W T Co..... | 854 | Koral Mfg Co..... | 858 |
| Buckbee H W..... | 843 | Kramer I N & Son..... | 862 |
| Budlong J A..... | 823 | Kreidler C S..... | 861 |
| Burpee W A & Co..... | IV | Kreshover L J..... | 824 |
| Butler Walter..... | 856 | Kroeschell Bros Co..... | 864 |
| Byer Bros..... | 854 | Kuehn C A..... | 822 |
| Byer Floral Co..... | 857 | Kuhl G A..... | 848 |
| Caldwell the Woods- | | Lager & Hurrell..... | 856 |
| man Co..... | 833 | Lang Julius..... | 825 |
| Calif Product Co..... | 854 | Langjahr A H..... | 825 |
| Carmody J D..... | 863 | Larchmont Nurseries..... | 852 |
| Chadwick Chas..... | 826 | Lehman Bros..... | 862 |
| Chase Rose Co..... | 834 | Leikens..... | 824 |
| Chicago Carnation Co..... | 838 | Livingston Seed Co..... | 860 |
| Chicago House | | Lockland Lumber Co..... | V |
| Wrecking Co..... | V | Loomis Floral Co..... | 842 |
| Cleveland Cut Flow Co..... | 824 | Lord & Burnham Co..... | VI |
| Cookroft Jas D..... | 852 | 2d Special Cover | |
| Coles W W..... | 856 | Loven J G..... | 832 |
| Collesh J W..... | 856 | Mader Paul..... | 856 |
| Conard & Jones Co..... | 834 | May John N..... | I |
| Cottons Geo & Co..... | 824 | McCullough's J M | |
| Cottage Gardens Co..... | 855 | Sons Co..... | 822 |
| Cowee W J..... | 858 | McKellar Chas W..... | 840 |
| Craig Robt & Son..... | 850 | Menand H L..... | 824 |
| Craig Wm P..... | 854 | Mette Henry..... | IV |
| Crooke John J Co..... | 863 | Metropolitan Mate- | |
| Cross Eli..... | 857 | rial Co..... | 863 |
| Crowl Fern Co..... | 824 | Mich Cut Flower Ex..... | 844 |
| Cunningham D O | | Millang Chas..... | 825 |
| Glass Co..... | 863 | Mills The Florist..... | 826 |
| Cunningham Jos H..... | 857 | Moller Ludwig..... | IV |
| Curry G R..... | 828 | Moninger J C Co..... | V |
| Davis B A & Son..... | 836 | Moon The Wm H Co..... | 834 |
| Davis Bros..... | 856 | Moore Hentz & Nash..... | 825 |
| Deamud J B..... | 840 | Moshack L..... | 853 |
| Detroit Flower Pot | | Munson Greenh's..... | 834 |
| Mfg..... | 862 | Murchie John..... | 846 |
| Dietsch A Co..... | V | Murdoch J B & Co..... | 822 |
| Diller Caskey & Co..... | 863 | Natl Flo Bd of Trade..... | 82 |
| Dillon J L..... | 853 | N Y Cut Flower Co..... | 825 |
| Dillon's Mfg Co..... | 864 | N Y Cut Flower Ex..... | 825 |
| Dorner F & Sons Co..... | 836 | Nickel Plate R R IV..... | 858 |
| Dreer H A..... | 831 | Niessen Leo Co..... | 824 |
| Dreyer R..... | 866 | Ocean Park Floral Co..... | 856 |
| Dykhuys J & Co..... | 834 | Palmer W J & Son..... | 826 |
| Eaton H N..... | 856 | Park Floral Co..... | 826 |
| Elliott Wm H..... | 824 | Peacock L K..... | 857 |
| Elliot Wm & Sons..... | 845 | Peterson Nursery..... | 834 |
| Emmans Geo M..... | 854 | Phila Cut Flower Co..... | 827 |
| Enterprise Wild | | Phila Wholesale | |
| Smilax Co..... | 832 | Flower Market..... | 824 |
| Ernest W H..... | 862 | Phillips Mfg Co..... | 862 |
| Fenrich J S..... | 825 | Pierson F R & Co..... | III |
| Fisher Peter..... | I | Pierson-Sefton Co..... | VI |
| Flower Growers Co..... | 823 | Pittsburg Cut Flo Co..... | 822 |
| Foley Mfg Co..... | V | Pittsburg Florist Ex..... | 822 |
| For sale and rent..... | 821 | Poehlmann Bros..... | 823 |
| Ford C S..... | 860 | Pollworth C C Co..... | 826 |
| Ford Bros..... | 825 | Pope L & Son..... | 832 |
| Poster Lucius H..... | 856 | Pritchard J N..... | 832 |
| Freeman Jos R..... | 826 | Quaker Cit Mach Wks..... | V |
| Gardens Chronicle IV | | Randall A L Co..... | 855 |
| Garland Geo M..... | 863 | Rawson W W & Co..... | IV |
| Geller Sigmund..... | 860 | Raynor J J..... | 825 |
| 3d Special Cover | | Reed & Keller..... | 861 |
| Ghormley Wm..... | 825 | Regan Print House..... | 824 |
| Giblin & Co..... | VI | 3d Special Cover | |
| Glauber Emil..... | 852 | Reinberg Geo..... | 823 |
| Globe Eng Co..... | 860 | Reinberg Peter..... | 849 |
| Gunter Wm H..... | 825 | Rice Bros..... | 822 |
| Gurney Heater Co..... | 861 | Rice James H Co..... | 863 |
| Guttman Alex J..... | 825 | Rice M & Co..... | 861 |
| Guttman & Weber..... | 847 | Robinson H M & Co..... | 827 |
| Hart Jas..... | 824 | Roehrs Julius..... | 834 |
| Hammond Benj..... | 829 | Rolker A & Sons..... | 834 |
| Hausen Julius..... | IV | Rossig Bros..... | 860 |
| Hartman Hjalmar Co..... | V | Rossiter H..... | 856 |
| Hauswirth P J..... | 826 | Sander & Sons..... | 825 |
| Heacock Jos..... | 856 | Schillo Adam..... | V |
| | | Scott John..... | 856 |

Sharp Partridge & Co..... 863
 Sherman Nursery Co..... 856
 Sheridan W F..... 825
 Sievers & Boland..... 826
 Sloner Bros..... 823
 Skidelsky S S..... 846
 Smith Nath & Son..... 850
 Smith W & T Co..... I
 Smits Jac..... 834
 Spaulding Nursery &
 Orchard Co..... 830
 Sprague Smith Co..... 863
 Standard Pump &
 Engine Co..... VI
 Stearns Lumber Co..... 863
 Stenzel Glass Co..... 863
 Stoothoff H A & Co.....
 831 852 858 860 861
 Storrs & Harrison..... 834
 Styer J J..... IV
 Swayne Wm..... 852
 Syracuse Pottery Co..... 862
 Thompson J D Car-
 nation Co..... I
 Thorburn J M & Co..... IV
 Tobacco Warehouse &
 Trading Co..... 858 860
 Traendley & Schenck
 825 845

Van Kleef W & Sons..... 834
 Vaughan's Seed Store
 I IV 827 846 857
 Vaughan & Sperry..... 823
 Vick's Sons Jas..... 834
 Walker F & Co..... 850
 Watson W H..... 844
 Weber F Co..... 826
 Weber H & Sons..... 850
 Weeber & Don..... IV
 Weiland Peter..... 822
 Weiland & Risch..... 833
 Welch Bros..... 824 861
 West'n Carnat'n Co..... 826
 Western Seed Co..... 828
 Whilldin Pot Co..... 862
 Wickham Bros..... 861
 Wieter Bros..... 837
 Winterson E F Co.....
 828 833 839
 Wittbold Geo Co..... 854
 826 831 834
 Wolf Jno..... 826
 Wood Bros..... 857
 Young A L & Co..... 825
 Young John..... 825
 Young Thos Jr..... 825 826
 Young & Nugent..... 825 847

KROESCHELL BROS. CO. IMPROVED Greenhouse Boiler, 45 Erie St., CHICAGO.



Boilers made of the best of material, shell, fire-box sheets and heads of steel, water space all around (front, sides and back). Write for information.

Please mention the American Florist when writing.

READERS who have spare copies of No. 817, Vol. XXII, of the AMERICAN FLORIST, issued January 30, 1904, with index to Vol. XXI, will oblige by communicating with this office.

A NEW horticultural paper is slated for January 1 to be called the Garden Magazine. Doubleday, Page & Company, of Country Life in America, are the reported publishers. Wilhelm Miller, editor. The more the merrier.

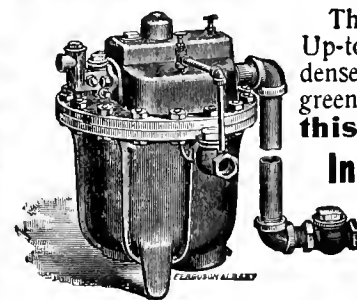
Eureka Greenhouses....

THE BEST AND LOWEST IN PRICE.

All houses erected at the factory and shipped to purchasers with blue prints, photographs and plain directions so that any person can put them up.

DILLON GREENHOUSE MFG., CO., Bloomsburg, Pa.

Steam Traps SAVE COAL



This is the Return Steam Trap used by the Up-to-date Greenhouse men to return the condensed water from the heating coils in their greenhouses. Have been in use for this purpose over 30 years.

Insures an Even Temperature.

Send For Red Catalogue.

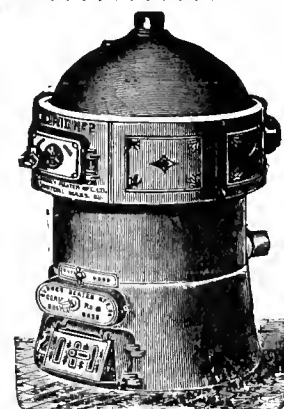
Albany Steam Trap Co.
ALBANY, N. Y., U. S. A.

CROP INSURANCE.

Life Insurance is valuable because it guarantees the outcome.

"Gurney" Heaters

"BRIGHT IDEA," "DORIC" and "400 SERIES" do the same thing for your hothouse: THEY GUARANTEE THE CROP. First of all they save 20 per cent on the coal bill and so keep expense at a minimum. Next, they produce an even heat and so do not imperil the life of the plant. Next, they are simple to operate and so require least attention. Lastly, they wear longer than others and thus perceptibly reduce the capital invested. Don't buy or exchange until you've investigated them.



"DORIC" HEATER

GURNEY HEATER MFG. CO.

74 Franklin Street,
BOSTON, MASS.

111 Fifth Avenue,
NEW YORK CITY.

THE AMERICAN FLORIST



America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch unknown seas."

Vol. XXIII.

CHICAGO AND NEW YORK. DECEMBER 17, 1904.

No. 863

THE AMERICAN FLORIST

TWENTIETH YEAR.

Copyright 1904, by American Florist Company.
Entered as Second-Class Mail Matter.

PUBLISHED EVERY SATURDAY BY

AMERICAN FLORIST COMPANY,
324 Dearborn St., Chicago.

Eastern Office: 429 Sixth Av., New York.

Subscription, \$1.00 a year. To Europe, \$2.00.
Subscriptions accepted only from the trade.

Volumes half-yearly from August, 1901.

SOCIETY OF AMERICAN FLORISTS AND
ORNAMENTAL HORTICULTURISTS.

OFFICERS—PHILIP BREITMEYER, Detroit, Mich.,
president; J. J. BENEKE, St. Louis, Mo., vice-
president; WM. J. STEWART, II Hamilton Place,
Room 11, Boston, Mass., secretary; H. B. BEATTY,
Oil City, Pa., treasurer.

OFFICERS-ELECT—J. C. VAUGHAN, president;
J. R. FREEMAN, vice-president; secretary and
treasurer as before. Twenty-first annual meeting
at Washington, D. C., August, 1905.

THE AMERICAN CARNATION SOCIETY.

Annual convention at Chicago, January 25-26,
1905. ALBERT M. HERR, Lancaster, Pa., secretary.

AMERICAN ROSE SOCIETY.

Annual meeting and exhibition, Boston, Mass.,
1905. LEONARD BARRON, 136 Liberty St., New
York, secretary.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Annual convention and exhibition, November,
1905. FRED H. LEMON, Richmond, Ind., secretary.

THIS ISSUE 44 PAGES WITH COVER.

CONTENTS.

| | |
|-------------------------------------------------|-----|
| Robert Craig's reminiscences.—II. | 865 |
| —A veteran Philadelphia grower. | 865 |
| Chrysanthemums. | 866 |
| —Summary of season's progress. | 866 |
| —Three new varieties (illus.). | 866 |
| The carnation—Winter cultural notes. | 867 |
| —The Victory carnation (illus.). | 867 |
| What people are talking about. | 868 |
| Newport Horticultural Society. | 868 |
| The rose. | 868 |
| —Grafting and budding indoors. | 868 |
| With the growers. | 869 |
| —A day in Greater New York. | 869 |
| —At Philadelphia. | 870 |
| —Siebrecht & Son, New Rochelle, N. Y. (illus.). | 870 |
| New York Florists' Club. | 871 |
| The retail trade. | 872 |
| —A. Gude & Brother, Washington, D. C. (illus.). | 872 |
| —Church wedding decoration (illus.). | 872 |
| —Christmas retail displays at Boston. | 872 |
| New York. | 873 |
| Chicago. | 874 |
| Boston. | 874 |
| Baltimore. | 875 |
| Philadelphia. | 875 |
| Washington. | 875 |
| British trade topics. | 876 |
| Buffalo. | 876 |
| St. Louis. | 877 |
| The seed trade. | 884 |
| —Boston. | 884 |
| The nursery trade. | 886 |
| —Prize for Minnesota plums. | 886 |
| Louisville. | 886 |
| Our pastimes. | 888 |

Robert Craig's Reminiscences.—II.

A Veteran Philadelphia Grower.



Robert Craig, whether he needed it or not, just to keep his hand in. This continued until the little fellow finally ran away in his bare feet, begged his passage across the Delaware on the ferry, and hunted up Mr. Dunk, an old friend of his father's, who was a basket maker as well as a very good grower of hardy herbaceous plants, having at that time about the best collection in the vicinity of Philadelphia. This was about fifty seven years ago. Young Harris found his new home very congenial and was taught the art of basket making in which he became quite an expert; he also gained much knowledge as to how to grow plants. He finally embarked in the basket business and prospered in it for a time. As competition finally became exceedingly keen in that business he abandoned it and rented a small place on Woodland avenue near Fifty-fifth street, buying out several small greenhouses from a Mr. Hobson, who then retired from business. These houses were in very poor condition, but Mr. Harris threw great energy into the work, repaired the houses, built new ones, and began to attract attention as a very skillful grower of plants for market. Never have there been any better fuchsias, heliotropes and geraniums than he used to grow. He was particularly successful in growing geraniums, producing enormous heads on such varieties as Beauty of Kingessing, one of his own seedlings, Victor Millott and others, which produced immense heads.

The noted florist, Robert Buist, made a visit to Mr. Harris' place particularly to see the geraniums in bloom, and when he saw them exclaimed "They are the best geraniums in the world." I have never seen such large heads of blooms on geraniums as Mr. Harris used to have. On asking him how he did it, he said he attributed it to growing them very cold,

probably about 45° to 50° at night, with plenty of air, and to watering them constantly with ice water, which helped to make them very short jointed and robust. Then when he gave them a shift for the last time, into 6 inch pots or larger, he gave them some guano or other fertilizer in the bottom of the pot and increased the temperature at night to 55° or 60°. He often had geranium heads fifteen inches in diameter.

Another specialty he was celebrated for growing was the Chinese primrose. He imported the best seed he could from Sutton, Williams, and other growers in England, and by selecting for several years the best specimens out of all these lots for seed, he became possessed of a commercial strain which I have never seen equaled. He also took up Phlox Drummondii, and by carefully selecting for several years, he developed a strain of dwarf growing varieties with large flowers, and which are still remembered by many of the older growers as the best strain of Phlox Drummondii ever seen in the vicinity of Philadelphia. His work in chrysanthemums is well known. He raised many famous new varieties from seed, and I have often heard it said that he raised more really good sorts than any grower on this side of the Atlantic, and I have no reason to doubt that this is a fact.

He early commenced raising in a large way, Ficus elastica, and grew it by the thousand. His good plants in 6 inch pots brought \$12 per dozen. It is difficult now to get half that money for such plants, and he grew rubbers in two years to such a size that they brought at auction, \$19 each. I have heard him say many times that he made more good cash on Ficus elastica than on any other plant he ever handled.

He was also a large grower of Pandanus Veitchii, and for many years, notwithstanding he had a large quantity, would not wholesale them for less than \$2 each. He had two objects in this course, one was not to sell any plants at a low price; and the second and more important one was to get the cuttings from them before parting the parent plants. By persistently pursuing this course his stock was always on the increase, and he still grows the plants to

advantage, although the price now for strong plants in 6-inch pots is \$1 instead of \$2, which formerly prevailed.

Probably Mr. Harris is best known to the trade through introducing *Lilium Harrisii*, now so largely grown in this country and in Europe. The original plants in his possession of this variety he bought from William Crawford, a close neighbor of his on Gray's Lane near Woodland avenue, in Philadelphia. He got it from a lady who brought him a bulb, presumably from Bermuda. Mr. Harris grew this lily in quantity for several years, getting 50 cents each for the blooms, and charging 50 cents additional for the bulb, which was refunded if the bulb was returned to him, as at that time the bulbs were valuable for propagating purposes. The subsequent propagation of this lily was taken up on an immense scale in Bermuda, as is well known, so that Mr. Harris abandoned the propagation of the bulbs as being no longer profitable. But it is still a matter of regret to him that he did not retain some plants of the original *Harrisii*, as it has, really, entirely disappeared from commerce. The theory about this disappearance is that the plants in Bermuda were largely grown from seed which was crossed between the true *Harrisii* and other varieties of the longiflorum type, so that the original one is now lost. When Mr. Harris grew *Lilium Harrisii* there was no taint of disease in it. It propagated very quickly and freely, and he has had plants of it to bloom within one year of the sowing of the seed, which seems almost incredible.

Mr. Harris did many other notable things in floriculture, but he is now known chiefly as an all around athlete and sport. His delight in these days is to see how many clay pigeons he can break in a match, and how big a score he can roll on the ten-pin alley. After working at the florists' business as hard as a man could work he is now pursuing pleasure to the limit.

A florist now located on the New Jersey shore of the Hudson river opposite New York city, once worked for somebody over in Flatbush and grew some very fine cyclamens and dracenas, which were exhibited at one of the New York shows and were fine enough to create inquiry as to who might be the grower

of the plants. This led to a proposition being made to him by a man of money, with a view to setting him up in business. The maker offered to build the greenhouses for the florist and enter into a partnership with him. In the course of a conference the florist was asked how much money he would wish to draw out of the business for his weekly expenses. His reply was, "Well, I have week day boots and Sunday boots, a good suit of working clothes and a good suit of Sunday clothes, and I guess I can get along on \$7 a week." The business proved quite a success, and is now owned entirely by the florist and is in a very prosperous condition.

CHRYSANTHEMUMS

Summary of Season's Progress.

The list of new varieties of American origin displayed at the western shows this season was never so small in number. But the loss of Americans is more than made up by the showing of the importations which were more extensive than usual, particularly those of French origin. The two leading American seedlings displayed in any quantity were the two white varieties, *Majestic* and *Adelia*, exhibited by John Breitmeyer's Sons, Detroit, Mich. These two varieties are not as large as some of the importations but what is lacking in size is more than made up in form, color and texture and they promise well for commercial purposes. The variety No. 42—2—03 which won the cup at St. Louis, exhibited by Nathan Smith & Son, Adrian, Mich., is a very chaste white, incurved variety, a little weak in the stem but otherwise a grand thing. The yellow variety from the Fred Dorner & Sons Company, La Fayette, Ind., is fine in color and form, but the blooms were underdone. If this can be grown stronger it has the appearance of being a fine thing.

The importations of English and Australian origin are mostly of a reflexing or irregular form and the color of many of them partakes greatly of the bronze. Also to get these varieties full to the center they must be propagated early and given a long season of growth. To plant

them in June on benches from 2½-inch pots will not do as this does not allow a long enough growing season and they all come open centered or weak in petalage. These varieties are very fine for private places where a few plants of each variety are grown and where they can be started in February or March and grown along slowly, potting them up as they require it and watching every little detail. Then taking them on the early bud and developing the blooms in a cool temperature, they are grand. But it is well to be a little cautious before planting large batches of these varieties on benches in June for commercial purposes, that is, according to the western commercial standard, for it is impossible to dispose to advantage of many of these reflexed, irregular blooms.

The variety *Wm. Duckham* has disappointed a great many this season, particularly in the west, where large quantities of it were planted, mostly in June from small pots. This is a fine variety when propagated and planted early and then grown strong, but treat it as the ordinary commercial varieties and it comes with open center and is a very thin flower.

In making up next year's list notation should be made about the peculiarities of these varieties for next season's guidance.

The leading French variety and what appears to be the best new thing of the year is *Mlle. Jeannie Nonin* exhibited by the E. G. Hill Company at Chicago. It is a very large, pure white, fully as large as the best *Timothy Eaton*, but full to the center and somewhat on the order of a well grown *Merza* but with a very much better stem and foliage.

Other new French varieties that promise well exhibited by the same firm are:

Mme. Emil Lemoine, similar to *W. H. Chadwick*, white tinted pink.

Mlle. Anna Debono, a reflexed white of good substance with fine stem and foliage.

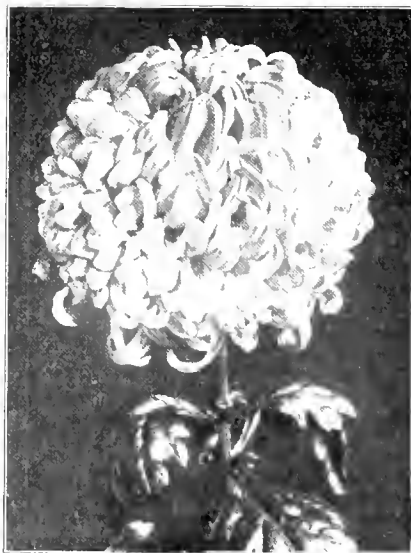
Prefet Boncourt, also a reflexed white of large size.

Souv. de Calvat Pere, white, shaded lemon and pink, a large flower for exhibition purposes.

Souv. de La C'tess Reille, a silvery pink, reflexed, a little off on color; may find a place in exhibition collections.



Majestic.



Madonna.



Adelia.

THREE NEW MERITORIOUS VARIETIES, OFFERED BY J. BREITMEYER'S SONS, DETROIT, MICH.



NEW YORK FLORISTS' CLUB AT COTTAGE GARDENS, DECEMBER 9, 1904.—See last issue, page 821.

Other new kinds that have been tested are Myteline, an English variety on the order of Modesto, which in color and form showed up fairly well but lacks a little in foliage; another season's trial may remedy this.

Red Carnot, a peculiar reflexing variety with long, dull red petals, very large flowers, only useful in exhibition collections.

Red Barclay, very broad petal, incurved, red with silver reverse, also an exhibition variety.

Mrs. J. P. Byrce, a large incurving white but a little weak in stem.

To take care of the stools or stock plants to produce plenty of healthy young shoots for cuttings, give them a place on a bench in a light cool house using pieces of board the width of the bench to divide each variety so that there is no chance for them to get mixed; then label each variety plainly and water only as the plants absolutely need it. It is a big mistake to pack the stools in boxes and then stow them away in any out of the way place because any wood they make is drawn and unhealthy and cannot make a thrifty plant.

C. W. JOHNSON.

LEHIGH, N. Y.—Harmon & Burr are building an addition to their greenhouses.

GLASGOW, MO.—Henry Schnell's greenhouse burned out the night of December 5; loss \$1,200.

WYOMISSING, PA.—D. H. Hoskins recently erected his fourth greenhouse, in which he has put 1,000 plants of smilax.

HANOVER, MASS.—Stanley Baker has purchased the business of George T. Sylvester and will take possession at once.

THE CARNATION.

Winter Cultural Notes.

The plants being now thoroughly established for the winter, work in the caring for them during the next three months is to keep them at all times in active growth. By active growth we mean a steady root action and a uniform development of the plant, but not a forced growth caused by excessive heat or moisture. The Christmas holidays being now only two weeks off we have to figure a little to be able to cut as many blooms as we can at that time. This should not be done by the ruinous practice of unnatural forcing a week or ten days before the holidays, a practice which saps the strength out of the plants, leaving them in a weakened condition which takes considerable time to recover from. An increased cut can be safely obtained for the holidays by laying plans at this time and gradually working the plants up to it providing they are now in the proper condition, that is carrying a full crop of buds and blooming plants.

Go over the beds and apply a light dressing of bone meal, watering this in. They should then be carried a little on the dry side and the air of the house kept as sweet and dry as possible. The night temperature can be raised a day or two each week up to 54° to 56° but do not think of going higher than this or soft flowers and weak stems will be the result. If it is cloudy weather maintain a day temperature of about 60° with a little ventilation and on bright, warm days keep the temperature as even as possible by closely watching the ventilation, at all times guarding against excessive draughts. Before allowing the Christmas crop to develop make sure the plants are free of green fly by fumigating two

or three times, because if it is necessary to fumigate when the plants are full of bloom a great many of them will be spoiled and the others will smell so much of tobacco as to disgust any customer. Disbudding will also have to be attended to as soon as the side buds are large enough to rub out without damaging the main bud. Also, remove the side growths far enough down to insure a good long stem. The lower ones can be put in the sand as cuttings. Another very particular item is to see that the plants and stems are properly supported, so that the value of fine blooms is not lessened by having crooked stems.

Before shipping the flowers for market or placing them on sale they should stand in water over night at least. Flowers cut from the plant and shipped direct to market or a customer without first standing in water are a very poor advertisement for any florist. Also, the weather now makes it necessary that all packages are securely protected against freezing but it is better to put on extra covering outside the box than to have a heavy packing bearing down on the blooms inside.

C. W. JOHNSON.

The Victory Carnation.

The new scarlet Carnation Victory is seen just now to advantage at the establishment of its grower, Charles Weber, Lynbrook, L. I. While not originating here, all the stock was acquired early this year by A. J. Guttman and Mr. Weber, who will disseminate it in 1906. The variety owes its origin to a cross between Mrs. Thomas W. Lawson and America. The blooms are brilliant in color, well formed and already reach a diameter of three and one-half inches.

The plants are strong in foliage and have good flower stems. Owing to the

late date of completion of two new houses the plants propagated last spring and grown outdoors were not planted in the benches as early as was desired, but they have made remarkable headway and are carrying now fifteen or more flowering shoots each. For some weeks blooms have been cut daily, and some fine specimens have been on exhibition at the prominent flower shows. The variety may be planted closely in the benches, its habit allowing of this without detriment. The flowers have good commercial qualities, in that they ship and keep exceptionally well, and command a good price.

Several other varieties are grown at Mr. Weber's establishment. Enchantress, Prosperity, Goethe, Genevieve Lord, Harry Fenn, The Belle, Mrs. Thomas W. Lawson, Maceo, Cervera, and other well known sorts are in fine condition. A pink seedling of great promise is also to be seen. The color is very pleasing and the flowers run to large size.

To Freeze Carnation Plant.

ED. AM. FLORIST:—What temperature will it take to freeze a carnation plant? I now have a plant in bloom with a flower two and one-half inches in diameter and this plant was outdoors all last winter with no shelter of any kind. It frequently was 12° below zero. It is of the variety Crocker. L. F.

We have never done any experimenting along the lines of seeing just how much freezing it takes to kill a carnation plant. But we do know that any plants left in the field here are not much good after the ground is once frozen. The variety Ethel Crocker, I understand, contains a good deal of the blood of the German border carnation, which is no doubt the reason of its proving so hardy. Our experience has been very limited with this variety. C. W. JOHNSON.

What People are Talking About.

At Madison, N. J., at the close of one of the most successful exhibitions held in that place, one of the citizens mounted the rostrum and auctioned off the flowers which the exhibitors had no further use for. By this means a substantial nucleus was raised for the next year's prize list.

In Tarrytown, N. Y., where the millionaire residents always respond liberally to the societies' solicitations for prizes, the flowers at the close of the exhibition were distributed to the hospitals and other charitable institutions. The members here believe in the virtue of the scriptural injunction, "Cast your bread upon the waters."

At the Central park greenhouses, New York city, another successful chrysanthemum exhibition has just closed. The quality of the flowers this year was fully up to the average, and the public seems to be as enthusiastic as ever. C. C. Olsson, the superintendent, informs us that it was a stupendous task keeping the crowds in motion. On many of the days over 5,000 visitors were counted, and more on Sundays and election day.

George Middleton, gardener to Wm. Rockefeller, Tarrytown, N. Y., was shocked by his only brother in this country being accidentally killed on the railway near Albany, N. Y., last week.

Wm. Nye has resigned his position as gardener to Miss Blanche Potter, Ossining, N. Y., and intends to take a trip across the water for the winter months. He will return when the ground hog becomes active again. George Whiting,

who has been gardener to Wm. Zeigler, Esq., Noroton, Conn., for some time, succeeds Mr. Nye. James Logan has been engaged to take Mr. Whiting's place.

Wm. Johnstone, for several years assistant gardener at Glen Mary, Tarrytown, N. Y., has been engaged as gardener to Willis T. Hanson, Union avenue, Schenectady, N. Y.

John Munson, gardener to W. H. Brown, Esq., Dobbs Ferry, N. Y., had a quarrel with one of the men, (Christian Christianson) employed on the place last Thursday. Munson drew a revolver and shot Christianson, it is feared fatally. The injured man is in the Dobbs Ferry hospital and Munson is being held without bail pending the result of the injury. Munson claims he shot in self-defense. He has been in Dobbs Ferry for several years and is much respected in the community. TRAVELER.



Vase of Carnation Victory.

Newport Horticultural Society.

The annual meeting of the Newport Horticultural Society was held in Mercury hall December 7. President Sullivan was in the chair and Secretary McIntosh on hand. The annual report of secretaries and treasurer were read and showed the work of the society to be in the most prosperous condition since its start in 1898. It was unanimously voted that the society has now reached the stage when a permanent fund is necessary in order to purchase property in the near future whereon a building will be erected for the uses of the society; all the members are very enthusiastic in their support of this project. The event of the evening was the election of officers for the ensuing year, and in every case the contests were very close, the president and several of the other officers being chosen by a lead of one vote only. The following is the result:

President, James J. Sullivan; first vice president, Alexander McLellan; second vice-president, Bruce Buttrick; recording secretary, David McIntosh; financial secretary, Joseph Gibson; treasurer, A. K. McMahon; sergeant at arms, W. F. Smith; auditors, Richard Gardner, Andrew S. Meikle, Charles D. Stark; executive committee, James McLeish, Richard Gardner, John Mahan, Andrew S. Meikle, James Robertson, Robert Patterson, Andrew Christensen, Samuel Speers, James Boyd, M. B. Faxon, and the officers ex-officio.

THE ROSE.

Grafting and Budding Indoors.

ED. AM. FLORIST:—Please give me some information in regard to rose grafting and budding inside. What heat should the Manetti stock be placed in after potting? What is the best temperature in grafting box? What is the best kind of wood for grafting and budding?

ENQUIRER.

"Inquirer" has asked for some information concerning grafting and budding under glass. I will try to explain the method in general and the important points in detail. The Manetti stocks should be procured as early as possible, which is usually sometime during the month of December. They should be potted immediately into 2½ inch pots. This may look small to a person who has never handled them for it is often necessary to trim the roots in order to crowd them in. But it is not practical to use anything larger for two reasons. First a larger size pot would take up too much room in the grafting box and second the soil is more apt to sour in a 3-inch pot than in a smaller size. In fact we have often used 2 inch pots for the smaller sized Manetti. The plants should be potted very firmly in a lively sweet loam using little or no manure, since manure may tend to sour the soil. We select rotted sod of a heavy texture from an old pasture. In order that the graft may be tied down as low as possible the pots should not be filled more than three-quarters full. The plants should be placed in a light greenhouse in a temperature of 42° to 46° and should get one good soaking and then a sprinkling twice a day to encourage the buds to swell, and also to encourage root action. As soon as the buds start to swell and a few white roots show in the soil the Manetti is ready for grafting. This usually requires four or five weeks.

However, the grafting frame should be prepared in the meantime for it is essential that the work be done at just the right time, and that is when the sap begins to flow. The best part of the greenhouse is none too good for the grafting frame. Select a clean, light bench and build a box large enough to accommodate the number of plants you wish to graft. It should be made of matched lumber, for success depends a great deal on the tightness of the box. As a matter of convenience we make the box about eighteen inches high at the back and twelve inches high at the front. It is important that the box be placed over a sufficient number of pipes to maintain a temperature of 85° and it is the safest plan to have several pipes with a valve to each so that the heat can be regulated. We always board the pipes as tight as possible both sides and ends. We give the box a good coat of lime wash and put about three inches of sand or coal ashes in the bottom.

A convenient place near the grafting box and shaded from the sun should be selected for doing the work. If you have more grafting to do than can be done in a day or two, use the Manetti that has made the most growth first. Then the slower ones will be in proper shape when you get to them a few days later. Cut them off about one inch from the top of the pot. A pair of pruning shears will be found best for this work. Then select the very best and strongest wood of the varieties you wish to graft. The best way to get wood for this purpose is to

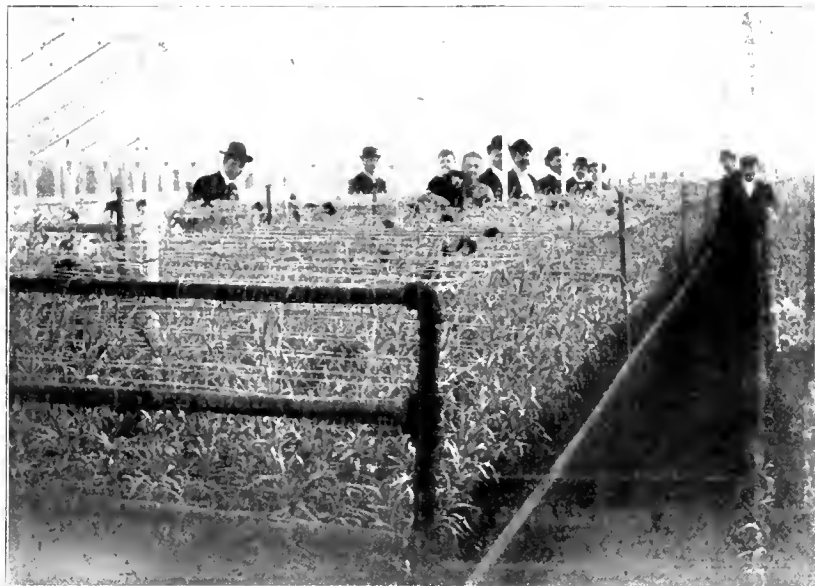
leave an extra eye or two when cutting the flowers. This leaves to be cut off for grafting the strongest, largest wood that is young enough. The larger it is the better for, being more nearly the size of the Manetti, it makes a neater looking job and presents a greater surface for the union of the two stems. If a person wishes to make any time at this work he

two to twenty-five days they may be removed from the box and placed on a good light bench. Eighty to ninety per cent of good strong plants should be the result of this treatment. In three weeks longer they should be ready to pot into 3-inch pots and shifted thereafter as their growth demands.

Budding is a much simpler operation,

ding knife. In selecting buds choose those that show prominently, cut above and below the bud and remove with the bark and a small part of the wood, or, if it is an old shoot, just the bark without the wood will be sufficient. Slip the bud into the opening made with the budding knife, replace the bark carefully and bind with string. Break off all shoots that attempt to start below the bud, and as soon as the new bud starts to grow cut off the portion of the old stem above the bud. Specimen plants showing many varieties of flowers may be made by budding, but for commercial work indoors grafting is the most practical.

W. W. COLES.



CARNATION VICTORY AT CHARLES WEBER'S, LYNBROOK, L. I., N. Y.

should have everything ready and handy beforehand. Have the rose wood in a basket, the Manetti in a flat, a lot of string cut about ten inches long and tied in bundles so that no time is lost in handling a knife to cut the string every time. Two knives are necessary, one heavy one for cutting the stocks and another one kept well sharpened for the scions. If but one knife were used the stocks would soon dull it so that it would be impossible to make a clean cut on the cutting. Cut the Manetti stock slanting, starting as far down as it is possible to work; cut the scion at the same angle and place the bark of the one to the bark of the other. Do not attempt to match both sides unless the cutting and the stock are the same size, but make sure to always match one side. Tie them together by wrapping with the string and tying with a loop knot. As soon as a flat full is completed they should be immediately placed in the grafting box, which should be shaded and made tight again.

For about three days they should receive no air but be kept close in a temperature of 80° to 85°. On the third day about 8 a. m. open the sash wide for five to ten minutes, just long enough to change the air but not long enough to wilt the grafts. For the next two weeks open the sash every morning, leaving it open a little longer each succeeding day. In two weeks they should be calloused and then they may have a little air all the time, starting in the first day with about an inch and a little more each day for a week after which the sash may be left wide open. While they are in the box there is temperature, moisture and sunlight to watch. If there is too much moisture in the box fungus may cause trouble; if too dry the plants will wilt. For the first week shade at the slightest appearance of the sun. After twenty-

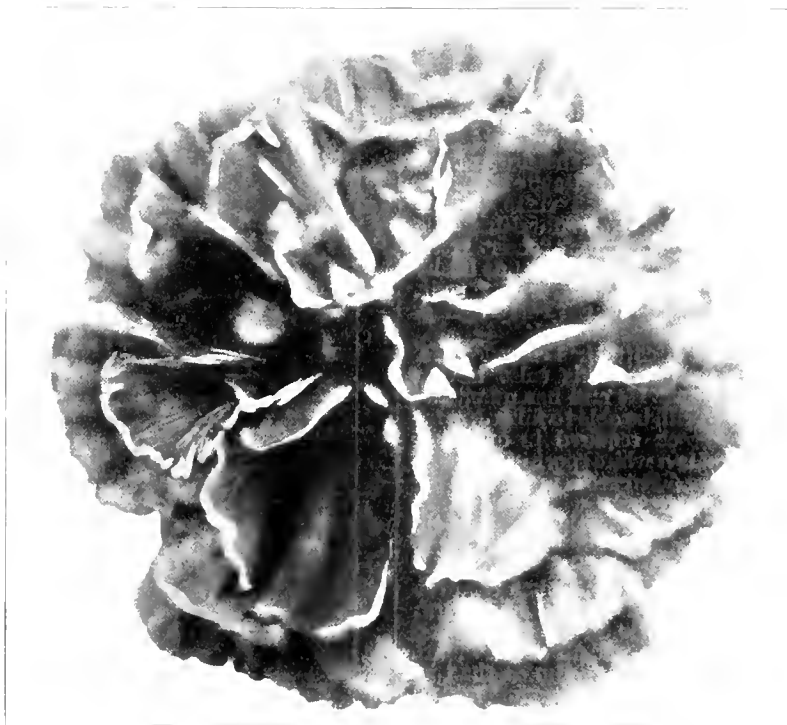
but not much practiced indoors. A shoot must be selected on the plant that the bud is to be placed in which is not too old for the sap to be flowing freely in or too young to stand handling. When it is in the right condition the bark can be raised easily. Cut a slit lengthways in the bark and a shorter one crossways. Then the bark can be raised with a bud-

WITH THE GROWERS

A Day in Greater New York.

H. D. Darlington, of Flushing, makes a specialty of heathers in variety, as the climate and soil of his neighborhood seems well adapted to their growth, and in the New York market he finds a ready outlet for all he can raise. As the heathers do best outside in summer, his houses are utilized for chrysanthemums for cut blooms. He is well satisfied with this year's crop. His planting scheme is different from that generally adopted by most growers who grow good medium market stock. They place their stock six inches apart each way and grow one or two flowers to a plant. Mr. Darlington pots two plants together eight inches apart each way, ties the two to the same stake, and allows but one flower to the plant. With this plan each flower is of high grade and there are more to the square foot of bench than under the old plan.

Louis Dupuy, Whitestone, L. I., the genial and enthusiastic grower, generally has about the best to be seen in his line, which is novelties in pot plants for Christmas and Easter. His blue and



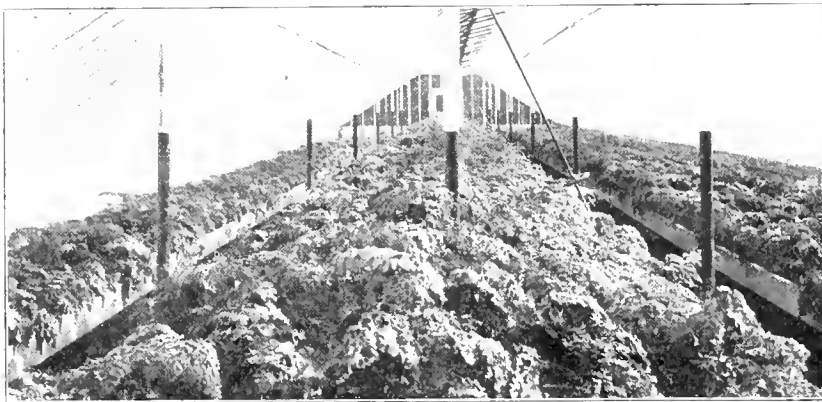
FACE VIEW OF CARNATION VICTORY ACTUAL SIZE.

pink hydrangeas for Easter are hard to beat, and his collection of heather, fancy varieties, is generally the best to be seen. He is about to bring out a novelty in *Crassula coccinea*, a new hybrid variety. This is an Easter plant. It bears a tuft of flowers on the end of each branch, something like a red *bouvardia*, only a heavier flower, and when in full blossom the plant presents a very showy appearance. As it is quite a sturdy plant, requiring little care, Mr. Dupuy thinks it

day to come. Next season's stock is seen, fine plants, in fact a succession from seedlings up are coming along to keep up a succession and insure choice stock in quantity each season. Orchids are here by the thousand blooms, house after house devoted to one variety. A splendid lot of *phalaenopsis*, full of budding sprays, made a fine show. In several of the houses coke was spread on or under the tables and stages to better hold the water and give the plants the needed

with dark green foliage, a house of *Aucuba japonica* with conspicuous bright red fruit and a house of handsome plant combinations. I also found a lot of red azaleas, a house of very well colored *Dracena terminalis* and a lot of very fine evergreens in tubs and pots. Jerusalem cherries (*solanums*) were grown in quantity and two houses of *Primula Buttercup* afforded a splendid sight, reminding one of a field of Buttercups in the spring. In addition I noticed Boston ferns of various sizes, branching and other *ficuses*, *Areca lutescens*, especially good in large sizes, and a house of *Pandanus Veitchii* in the best possible condition for holiday business.

The establishment of Robert Craig & Son was next visited and the stock in this place, as usual, was found to be in the pink of condition, reflecting much credit on Superintendent Savoy. Especially noticeable was a fine strain of cyclamen grown here in large quantities, and particularly well grown. *Begonia Gloire de Lorraine*, of course, is quite prominent at this place and the plants are very fine this season. Poinsettias were very good as also were the azaleas in different varieties and other lines too numerous to specify. This firm's new miniature chrysanthemum, Baby, is enjoying well merited popularity. Carnations, which have been grown here somewhat extensively during the past few years, promise very well for holiday trade. J. S.



ADIANTUM FARLEYENSE AT SIEBRECHT & SON'S, NEW ROCHELLE, N. Y.

will become very popular. It will be at its best in a 6-inch pot, and when in blossom will make a clump about twelve inches high, by from nine to twelve inches in diameter.

Mr. Dupuy speaks highly of the new dwarf Baby Rambler, which he thinks will be a great pot plant. It is not a Rambler in habit, being dwarf and compact, being in fact a red polyantha, a cross between Crimson Rambler and Gloire des Polyanthas. An interesting point is that it will not grow well from cuttings, but should be root grafted, when it makes a very satisfactory growth. Lilacs were to be seen here in full flower as if it were April, instead of the first week in December. It takes about sixteen days from the dormant plant until the flowers are fit to cut. If the leaf-shoot buds are broken off, Mr. Dupuy said the sprays will come later soon enough to set if the flowers are allowed to start. Mr. Dupuy is a very enthusiastic grower and visits Europe every summer, looking up novelties. His find last season was a lot of cherry trees, which will be planted in pots, fine bushy stock which will carry a lot of fruit. These will be ready in the early spring. They are four to five feet high.

Nephrolepis Scottii has exceeded Mr. Scott's expectations, his sales having been enormous. He still has quantities on hand and will be able to fill orders for all young stock required in quantity. Another find is a white sport of *Dracena Lindenii*. The difference is in the coloring matter, which is pure white, instead of the yellow cast, in fact the contrasts are like in a well grown *Pandanus Veitchii*. It should be a valuable plant.

Nowhere in this country has the ardisia done as well as at Julius Roehrs'. Thousands of plants, all loaded with berries, are to be seen, and all sold a month ago. There is always room at the top. Good stock never goes begging, and all the poinsettias, begonias, made-up pails of fancy plants and a large lot of azaleas, are sold out and waiting for the delivery

moist atmosphere. There was a great show of *Begonia Gloire de Lorraine* and quantities of azaleas. Bay trees in great quantities and large palms rounded out a stock that it would be hard to equal in this country.

Leaving town I ran into that bottle of western sunshine, E. G. Hill. There's a man for you. He was in town exploiting his new rose, which certainly looks like a winner. K.

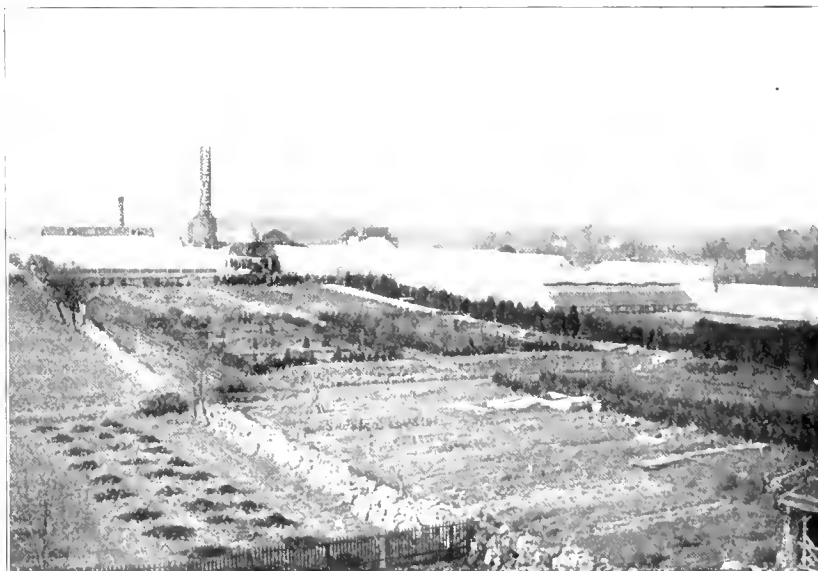
At Philadelphia.

In my annual tour looking around for Christmas goods I stopped off at Philadelphia and made a visit to the establishment of Wm. K. Harris, where I found a magnificent display of holiday stock, such as hollies, well berried and covered

Siebrecht & Son, New Rochelle, N. Y.

The Rosehill Nurseries of Siebrecht & Son, at New Rochelle, seventeen miles from New York city, are attractive to visitors just now, at least as far as an inspection of the eighty greenhouses in the establishment is concerned. To give an idea of the volume of business done by the firm it may be mentioned that three-quarters of the stock grown in the houses is sold through its three retail stores, two on Fifth avenue, New York, the other at Newport, R. I.

Ten of the greenhouses are utilized exclusively for orchids, the varieties embracing all those best suited to the retail trade. *Cattleya labiata*, of which there is a large stock, is about at the end of the cut. During its season over 200



PARTIAL VIEW OF GREENHOUSES OF SIEBRECHT & SON, NEW ROCHELLE, N. Y.

sprays per day were cut. The orchid houses are all of good size, none less than 100 feet long. A house 30x100 feet, built during the summer, has just been stocked with 3,000 newly imported *Cattleya Trianae*, the stock presenting a very fine appearance.

Five houses are devoted to roses. Of the roses grown Killarney seems to be the favorite, three of the houses being

servatories of Natick, Mass. The flowers were shipped from Natick December 8, and had been kept in an ice box pending the meeting, but appeared to be in perfect condition. The variety is a cross between Bridesmaid and Liberty, color a somewhat brighter pink than Bridesmaid, larger, and opening more fully. It is to be disseminated next spring. A fine seedling rose, known as No. 6, was

dens exhibited a vase of Lieut. Peary, a fine white carnation, and two vases of a new seedling pink carnation full of promise. A vase of Robert Craig was also shown by this company. E. G. Hill of Richmond, Ind., exhibited two vases of his new Richmond rose, and a vase of Rosalind Orr English, both varieties being very much admired. Thomas De Voe & Sons, of Poughkeepsie, N. Y., staged three vases of the Telegraph geranium, which showed up well as a winter bloomer. Guttman & Weber had a fine display of Victory carnations.

Routine business, after the reading of the minutes of the last meeting, opened with the report of the outing committee, which stated that after payment of all accounts a small balance had been passed to the treasurer.

The committee on awards reported that it had visited Guttman & Weber's establishment at Lynbrook, L. I., where it inspected the growing stock of the Victory carnation, which was found to be a good grower and free bloomer, scoring 86 points. It recommended that the variety be awarded a certificate of merit. It also had paid a visit to Cottage Gardens, L. I., where it examined the Lieut. Peary carnation, exhibited at the last meeting of the club, and which, according to the club's scale, was found to score just 90 points, and to be a free grower, a good producer of cuttings, a bountiful bloomer, with good foliage. A certificate of merit was recommended. The committee also examined the stock of Robert Craig, the new scarlet carnation originating at Cottage Gardens, and confirmed the sub-committee's report resulting from an examination last April, when a certificate of merit was awarded, the variety scoring 93 points. The committee's report was adopted. The committee also reported that a visit was made to the establishment of John N. May, Summit, N. J., in the afternoon prior to the meeting, to examine Phyllis, the fine new carnation introduced by him. It was scored individually by the members and found to make 86 points. It was found to be strong in stem, of good substance and fragrance. A certificate of merit was recommended, and the recommendation adopted.



HOUSE OF KILLARNEY ROSES AT SIEBRECHT & SON'S, NEW ROCHELLE, N. Y.

filled with this variety, just coming nicely into cut. Charles Siebrecht, speaks very highly of Killarney. He says it is a sturdy grower, a profuse bloomer and a good shipper. The stock on the middle benches is two years old. There is one house of American Beauty and another of Liberty.

The palm houses, of which there are four, each 300 feet long, are well stocked with plants of the different varieties, a good proportion of them large-sized specimens. *Camellia Japonica* is quite prominent in one of the larger houses. The firm has been cutting blooms from these plants for some time, and has met a fair demand for them. A fine house, recently built, is used entirely for gardenias. This house makes a grand showing and will be in fine shape for the holiday trade. The other houses carry a large variety of plants, all in the pink of condition, including poinsettias, begonias, ferns, araucarias, dracenas, pandanus and stove plants, and one house is taken up with Mrs. T. W. Lawson carnations.

The firm is planning to do a good deal of rebuilding next year, several of the older houses to give way to constructions of newer type. The houses recently erected were built by the firm from its own plans and are fine structures in every way.

New York Florists' Club.

The December meeting of the New York Florists' Club was held on Monday evening at the club's rooms, about eighty members being present. There was a fine exhibition of cut flowers, new sorts and novelties, but the announced exhibition of florists' supplies did not materialize. Two vases of the new Wellesley rose were exhibited by the Waban Rose Con-

exhibited by Benjamin Dorrance, of Dorranceton, Pa. It is similar to Madam Yost, fairly solid in the blooms, but with small flowers. Its originator says it is a cross between Testout and Yost. The Chicago Carnation Company, Joliet, Ill., had a vase of Fiancee carnations. A vase of Lady Bountiful, a beautiful white carnation, staged for the originator by Vaughan's Seed Store, made a fine showing, as also did a vase of Eclipse, a clear dark carnation staged for its originator by the same concern. The Cottage Gar-



HOUSE OF GARDENIAS AT SIEBRECHT & SON'S, NEW ROCHELLE, N. Y.

E. J. Taylor, of Southport, Conn., was elected to membership; and Robert Simpson, George Darsley, C. H. Totty, John Zoller, James Hart and Marius Mathereson were nominated for election at the next meeting.

Secretary Young made a report on the club's excursion to Cottage Gardens last week, and moved a vote of thanks to C. W. Ward for the hospitable manner in which he entertained the party. Patrick O'Mara, in seconding the motion, asked that Mrs. Ward's name be coupled with Mr. Ward's, as she prepared the very enjoyable luncheon set before the party. The motion as amended was carried.

Election of officers for the ensuing year was next in order. John Birnie, nominated for president; Alfred H. Langjahr, nominated for secretary, and S. S. Butterfield, nominated for vice president, retired from the contest, each in graceful terms expressed by letter and in person. William Elliott also renounced his nomination for office as a trustee. There was consequently little rivalry attaching to the election, except for the trusteeships, for which there were seven candidates. The result of the election was as follows:

President, F. H. Traendly (re-elected).
Vice-president, J. Austin Shaw.
Treasurer, Charles Weathered (re-elected).
Secretary, John Young (re-elected).
Trustees, Walter F. Sheridan (re-elected), John Scott and Alex. S. Burns (re-elected).

These officers were all present, and in short addresses thanked the members for their confidence. John B. Nugent, chairman of the house committee, and Patrick O'Mara, chairman of the committee on awards, were also called upon for addresses.

Walter F. Sheridan moved the appointment of a committee to arrange for the annual banquet of the club, and the motion being carried L. Halflner, Walter F. Sheridan and Charles Weathered were appointed.

The question of the advisability of rejudging the Victory carnation, on account of the inability of several members of the award committee to be present when it was examined, was brought up. The disseminators of the carnation, Messrs. Guttman & Weber, while satisfied with the award, thought that in justice to the variety it should be passed upon by the committee as a whole. After some discussion the club concluded that the judgment of those who examined it was quite sufficient for its endorsement, and cases were cited where similar judgments had been made by competent sub-committees and the action sustained.

E. G. Hill addressed the meeting, touching principally upon the lessons learned from the great flower shows recently held in the west. He thought that instead of charging admission to those shows the public should have been admitted free, then the florists' trade would have received a great impetus. Instead of 25,000 or 30,000 people seeing what was being done in floriculture, 250,000 or even 350,000 would have been delighted. The exhibits were a complete revelation, he said, and he thought it was the duty of every florists' club in the country, and of florists individually, to do what they could to inculcate in the public mind a love for flowers.

William Duckham ably endorsed the remarks of Mr. Hill. It was his privilege, he said, to attend both the St. Louis and Chicago shows, and he was very much enlightened by what he saw. The roses and carnations he saw at St. Louis were beyond his expectation. The American Beauty roses were the finest he had ever

seen. It was the same thing at Chicago. Mr. Hill, he said, had been very modest in his remarks, saying nothing about his own rose. The club should feel indebted to Mr. Hill for bringing it to New York, but to see it in its glory one should visit Richmond. He had seen it there and it far surpassed expectations. It was there that evening under difficulties; traveling such a distance naturally detracted from its appearance, but he predicted that in the near future no other red rose would be grown.

Benjamin Dorrance also endorsed Mr. Hill's remarks, and said that Mr. Hill's rose was the best produced in America without doubt. Speaking of flower shows he entreated the club members to use their influence to set aside jealousies which might exist as to the location of shows and exhibit at them whether in Boston, New York or Chicago. "If you can only educate people to want flowers," he said, "you have your market. And if you, as retailers or wholesalers, have your market, we as growers have ours. Our interests are so intertwined that a retailer should not hold back."

THE RETAIL TRADE

A. Gude & Brother, Washington, D. C.

Few young men have achieved a greater measure of success in the florist business than the Gudes of Washington, D. C. The accompanying illustration of their new store, 1214 F street, shows something of their facilities for conducting an up-to-date retail business. The space they now occupy, 28x179 feet, is six times as great as that from which they recently removed. In the rear of the store is a commodious conservatory. The store is finished and furnished in a substantial and elegant style, all the work being done under their personal supervision, to the end that no detail might be neglected.

The firm of A. Gude & Brother, composed of Adolphus and William F. Gude, has in sixteen years made rapid strides in

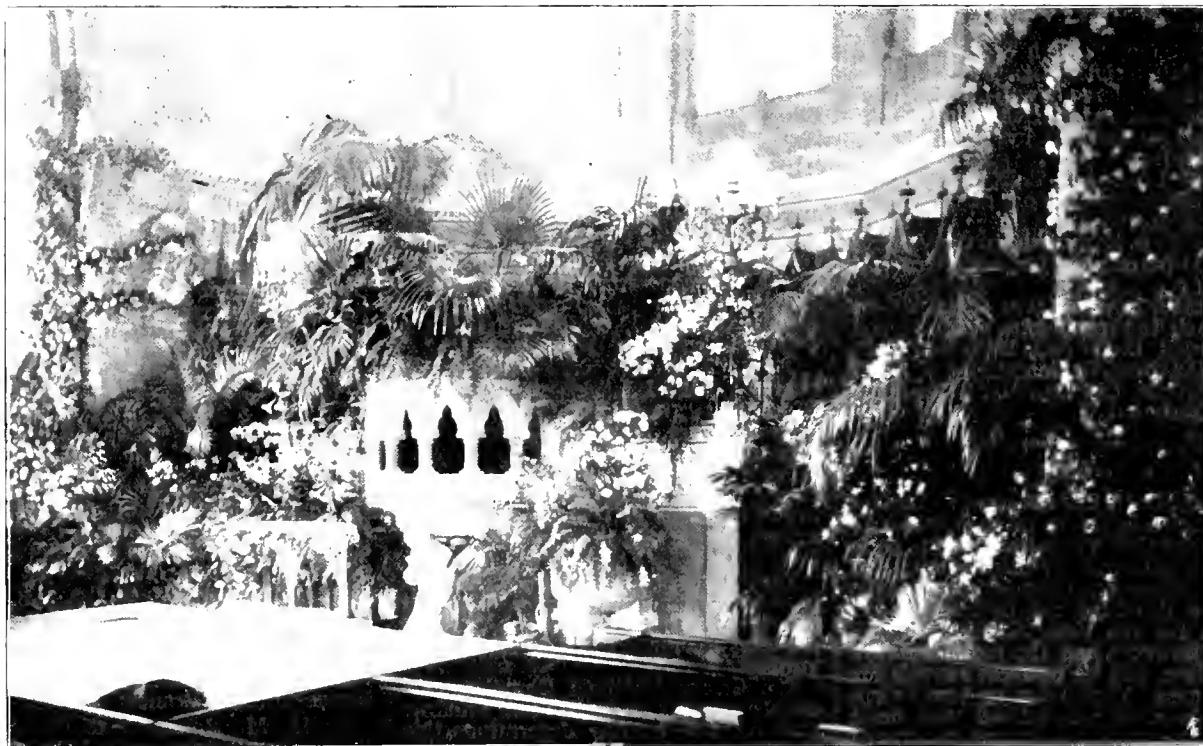
both growing and retailing, they having an extensive range in the Anacostia section of the city, of which Adolphus Gude is manager, W. F. Gude being in charge of the retail business. In 1888 they opened at 938 F street in a room 5x20 feet. In 1890 they removed to 1112 F street. November 23, 1891, their store was demolished by the falling wall of a nearby theater, W. F. Gude having a narrow escape from death, the man with whom he was in conversation at the time being instantly killed. On February 16, 1892, they opened at 1224 F street, the store recently vacated, and at that location have had a steadily increasing business, which for some time has made urgent calls for more room. Both Adolphus and W. F. Gude are highly esteemed citizens of Washington, the latter being a past president of the Business Men's Association. As a token of regard for "faithful and efficient services" the Nobles of the Mystic Shrine recently presented him a jeweled badge valued at one thousand dollars. S. E.

Church Wedding Decoration.

The illustration shows a rather elaborate church decoration for a wedding. The main feature is the simulation of large climbing rose bushes on either side of the platform. These contained over 500 roses each. From the body of the church they presented a very natural appearance—much the same as when seen growing outside over a porch or arbor. They were about five feet wide at the base and twenty feet high. The groundwork was made of narrow strips of chicken-wire netting into which were placed enough short laurel branches to form a nice background of green. This was arranged the day before. The roses, which were mostly short or of medium length, were placed in rubber-capped tubes, from one to three to a tube. These were then easily inserted into the background of laurel, as the weight of the water in the tubes kept them in place, except along the outer edge, without much fastening. While with the tubes



INTERIOR OF A. GUDE & BROTHER'S NEW STORE, WASHINGTON, D. C.



CHURCH DECORATION BY ROBERT KIFT, PHILADELPHIA, PA.

the roses will last twenty-four hours, for the ordinary display this form of decoration can be made without them, as the flowers, if well soaked the night before, will not flag perceptibly until the ceremony is over. The stems can be fastened quickly, with wire, to the laurel and made to stand out in any desired direction. At the base of the bush there should be a large pot or basket, with long sprays on longer laurel branches, to give it a more natural appearance. The bridal party occupied a platform raised about twelve inches above the main floor of the church, on which was placed a decorated kneeling stool.

ROBERT KIFT.

Christmas Retail Displays at Boston.

Although the department stores have festooned their windows with Christmas greens and made elaborate displays of their holiday goods and the markets are picturesque with their Christmas trees, holly and greens of all kinds, a trip among the retail stores finds that the proprietors have, at this writing, done but little, either in decorating or displaying their Christmas plants, but still each one has a few specimens of the specialties that they will very soon offer to their trade. Azaleas still figure largely at all the stores and some beautiful plants are now to be seen in the windows and on the floors. Poinsettias, with their bright Christmas colors, will also be offered by all, and the beautiful *Begonia Gloire de Lorraine* is conspicuous everywhere.

At Doyle's Beacon street store some very handsome low pans of poinsettias fill one window and are very attractive.

Julius Zinn, at his place on Beacon street, has decorated his window with new Christmas bells which hang in large numbers above a handsome display of roses and other flowers of the season.

At Galvin's Tremont street store one window is filled with large poinsettias and the other with fine plants of *Drac*

cena terminalis, producing an effect that brings the shoppers to a halt as they pass by.

Wax Brothers show azaleas and all the leading holiday plants.

The windows on Boylston street are as attractive as ever; MacMulkin having *Cypripedium insigne* in profusion and in the background a stand of *Otaheite* oranges well covered with fruit.

At Doyle's Boylston street store is a beautifully arranged window of seasonal flowers and some large, handsome plants of azaleas.

Houghton & Clark have given up one window to Christmas bells and inside are seen some handsome azaleas and baskets of mixed blooming and foliage plants that are tempting to the buyer.

At Galvin's Boylston street store the usual display of handsome foliage plants in sizes suitable for gifts are in the greenhouses. Here are also azaleas and some well grown cyclamens.

Hoffman, on Massachusetts avenue, has the most varied display at the present time. Some beautiful large *Gloire de Lorraine* begonias and azaleas in pyramidal form are particularly noticeable.

New York.

The usual anti-Christmas condition prevails in the market. There is a certain slowness and a slackening of arrivals due to the tendency to hold stock back and the advent of darker weather. Snow has fallen two or three days during the week and resulted in a reduced cut. The matters of supply and demand have therefore adjusted themselves and there is a stronger tendency observed in nearly all lines. The upward tendency is very slight and is irregular too. Violets have exhibited a series of fluctuations but hold to about the same prices as before. A few days of snow always lessen the sales of violets, which are used so much for street wear. Roses are stronger and good

flowers sell well at top quotations. The quality is improving. Some extra fine *American Beauty* are coming in and meet with a good market. In carnations the demand is steady. A few cut poinsettias are coming in but demand is small.

Many of the small growers on Long Island who for some time have been regular attendants at the daily opening of the Cut Flower Exchange now send their produce to the Exchange, where it is sold for them. This is the result of the Long Island Railroad Company's winter train schedule, which cuts out the only train which suited the market.

Alexander Montgomery's new rose *Wellesley* has been seen by a few of the callers at the New York Cut Flower Company, and all are delighted with its appearance. The solidity of the flower calls for comment every time. If it could be had around the holidays it would be a great winner.

N. Lecakes & Company to relieve the pressure on their regular quarters due to the requirements of the holiday trade have opened a temporary branch store at 37 West Twenty eighth street.

Young & Nugent are receiving some very fine *American Beauty* roses from Canada. The fine coloring and beautiful foliage of these roses make them very attractive.

Sigmund Geller has a fine display of Christmas bells and other seasonable novelties at his new store. His windows are never allowed to get stale in their dressings.

Bonnot Brothers, of the New York Cut Flower Exchange, are handling all of the No. 2 roses sent in by Benj. Dorrance. His shipments reach the exchange every afternoon.

George E. Bradshaw has made a new start in the wholesale cut flower business. He is occupying quarters at 119 West Thirtieth street.

Many of the florists have had good orders lately for winter window boxes.

Box and English ivy are the fillers in demand.

J. B. Slinn, of Slinn & Hughes, was taken with a chill on Sunday and is nursing himself so as to be well for Christmas.

William Adams, of Great Neck, L. I., is confined to his bed by illness. Pneumonia is feared.

Joseph Leikens, E. Thirty-third street, has built a conservatory at the rear of his retail store.

Prof. F. S. Earle, chief of the Agricultural Department of Cuba, arrived here Tuesday.

Julius Roehrs was taken sick this week with a chill and pneumonia has developed.

Visitors: E. G. Hill, Richmond, Ind.; Benj. Dorrance, Dorranceton, Pa.; Louis Coatsworth, Chicago, Ill.; J. A. Peterson, Cincinnati, O.

Chicago.

It is the lull before the storm. The last week was the slowest of the winter season to date, with here and there a little stir to remind one of what is coming in a week. The buyers are now haunting the department stores and flowers are forgotten for the time. The storm will break, however, and the indications are that there will be business enough for every man. With a day or two exception, the week just passed was most quiet, the market showing spasmodic turns, especially in the shipping line. Stock is shortening up perceptibly, the dark weather of the last few days doing much to hold down the cut. Some growers are evidently also holding back, the pickling evil not yet being extinct by any means. Some pickled carnations are already showing themselves and in several cases they were a complete loss to the grower. The best grades of carnations and roses will be none too plentiful next week, but medium grade stock is expected in abundance. American Beauty prices will range from \$12 per dozen for the best down the scale. Carnations are quoted at 4 to 6 cents. Holly is reported somewhat scarce but green goods will be in great supply. Violets, valley and bulbous stock are coming in in good holiday form, the last named still continuing in an oversupply. Everyone is looking for a record breaking business, the only regret being that there may not be enough stock.

George Reinberg says that while the dark weather prevailing the last week will have a tendency to shorten crops, his roses and carnations are so far advanced that they will not be affected. He expects to cut 4,000 American Beauty of the better grades and 1,000 short stem; 5,000 Liberty, 5,000 Bridesmaid and 20,000 carnations.

G. H. Peiser, bookkeeper at Kennicott's, was absent from the office last week, owing to illness. He was taken to the Post Graduate hospital, where an operation was performed. Any delays in correspondence, etc., may be attributed to his enforced absence from his desk.

Since his return from the San Francisco convention Steamfitter John Mangan, who was seated as a delegate from the Gardeners' and Florists' union, has discarded his old union button and is now wearing a large pink carnation in his coat lapel as a trade emblem.

Travelers along the line of the Chicago, Milwaukee & St. Paul railroad are struck with the beautiful appearance of the many little houses used by the company's flagmen. Nearly all of those near Chicago are partly overgrown with evergreen vines and other shrubbery.

Christmas bells, Christmas berries, holly and evergreen wreathing are the leading holiday items at E. F. Winterson Company's. As usual there will be a large force put on the made-up wreaths, for which there promises to be a brisk demand.

D. Wood Brant will be in with a heavy cut of roses for Christmas. All of his shipping is taken care of at his greenhouses, while his stand in the Flower Growers' Market handles the local trade.

A clerk employed at the retail store of T. D. Mosconesotes, in the Masonic Temple building, took French leave last Saturday evening, taking with him the key to the store and the day's receipts.

Thos. W. Brown, who has been in charge of the English gardens at the World's Fair, is returning to his home address, Kew Gardens, England, via Montreal.

Peter Reinberg's crop of Uncle John roses looks promising for Christmas and orders indicate that it will be one of the most popular of the new roses for this holiday.

Vaughan & Sperry report a bright outlook for the holiday season. At their place in the Growers' Market they are showing bells, berries and greens in great variety.

The George Wittbold Company executed a number of large store window and interior holiday decorations this week.

Poehlmann Brothers will have good chrysanthemums for the holidays, the quantity, however, being somewhat limited.

Holly is scarce in the local market. The ruling price is now \$5 per case with indications that it may go higher.

Clarence M. Chase, aged 32 years, a son of a Kenosha, Wis., florist, died in this city last Thursday.

Wietor Brothers will be long on American Beauty roses for the Yuletide.

Christmas berries of exceptional quality are to be seen at Kennicott's.

L. Coatsworth was a visitor in New York the past week.

Boston.

The usual quiet before Christmas now prevails throughout the market. As is usual the growers are holding back in expectation of the higher prices which prevail during the holiday season. Roses have been exceptionally scarce the past two weeks, this applying in particular to the better grades and especially to the red varieties. The poorer stock of all varieties of roses has thus been forced upon the market. Carnations promise to be the flower of the season. Everybody is holding them back, and if the weather is good the ten days previous to Christmas, an enormous quantity of them will be brought forward. Welch Brothers, alone, report that they have reports from the various growers which supply them, that indicate they will receive at least 700,000 carnations the week before Christmas. Lawson and Fairmaid are the varieties in which the supply at the present is the shortest. Holly is now arriving in large quantities and the general report is that it is of poorer grade than usual, there being but few exceptions. Boxwood is seen in large quantities and is a favorite in the making of wreaths. The general market for the past two weeks has been on the whole rather slow in comparison with previous years. The retail trade is slow this year in getting the Christmas decorations into their windows, very few

as yet having done so. Poinsettias are being used quite extensively for window decorations, and with ferns and other green plants are very effective. The price of this flowering plant is in the neighborhood of \$6 per dozen for the better grades.

At the wholesale stores holly, green and supplies are, up to the present time, occupying the attention of all. At McCarthy's the sample cases of holly are very fine and selling well as are also the Christmas bells which they are pushing among the trade as the novelty of 1904. At Welch Brothers the holly is excellent but the concern does little in outside novelties concentrating its efforts upon the regular high grade cut flowers. They expect to be exceedingly strong on American Beauty roses and carnations and are recommending box green to their buyers.

The well-known Woodward farm and greenhouse property in South Framingham has been sold to Mr. Remick, of Chicago, Ill. The sale includes all the plants and tools. The assessed value of the property was in the vicinity of \$9,300 for the realty and with the personalty nearly \$12,000 was realized from the sale. Perlie Woodward will continue for the present to conduct the business for Mr. Remick.

At H. M. Robinson & Company's things are moving fast, the holly is of the best and thousands of yards of laurel festooning are being made and shipped all over New England. Box green, so called (the branches of box trees) is quite a feature here this year. It makes beautiful wreaths and is used by some dealers as green with carnations and other flowers.

The Boston Cooperative Flower Market has a novel way of keeping the ice chest cold. No ice has been used since the market was started in September. The method employed is that of having a cold air shaft run into the chest from the outside and the draught is so strong that the place is cooler than if ice were used.

The weather in this locality has been rather cold for this season of the year and a number of the florists have had to do considerable pipe repairing, as the winter season came on so early that no time was given for a general overhauling.

C. E. French, a rich recluse, who scrubbed floors and lived on twenty-one cents a day, left the Massachusetts Horticultural Society \$5,000 for prizes, to be known as the J. A. French fund. He left in all a fortune of \$150,000.

John P. A. Guérineau, who has been seriously ill for the past two weeks, is now resting comfortably and expects to be around again in a few days.

The George A. Sutherland Company is making a feature of small palms for the Christmas trade. Large quantities of boxwood are also being sold.

Emanuel Blume, of N. F. McCarthy & Company, who has been in New York for the last three weeks disposing of a foreign consignment, has returned.

Welch Brothers report that they have received their usual consignment of holly and that it is of better quality than that of the past few years.

Luther T. Seaver, of Medford, who is popularly known as the "Pansy King" is running on an independent ticket for mayor of that city.

Thos. W. Head, superintendent of the M. F. Plant Estate, Groton, Conn., was among the visitors this week.

H. P. S.

Baltimore.

Supplies of cut flowers the past week, thanks to the clouds and storms, have been considerably below the requirement of the trade from Monday, with the demands for the first German of the season and the various dinners preceding it, up to Saturday, when, by the ferocity of a snow without recorded parallel in any previous December, put an end to locomotion, deranged the train and trolley service, upset all kinds of festivities, drove the dealers away from their posts in the markets, and made the town a frigid and howling wilderness of snow and wind. Only one street vendor was to be seen, and with rare courage he made a brave stand at Lexington and Eutaw streets, offering from a glass case roses and carnations, with the mercury falling fast to zero. Before morning it went to 4° below and the snow measured ten inches. Sunday was clear, crisp, and glistening, but there was no thaw in the shade.

Robert L. Graham delivered his promised address on improving the Gardeners' Club on December 5, and to a larger than the accustomed attendance, some forty odd members being present. He repudiated having any panacea for rehabilitating the club in activity and usefulness, but made some practical suggestions which are perhaps applicable to other than the local situation. Among the coefficients of effectiveness are: Promptness in opening and carrying on the meetings; no dillydallying and waiting for tardy members; go through the order in a business-like way, and when done adjourn. If there is nothing offering, take a recess for conversation. Next, develop the social side of the club, make the stranger, the newcomer and the obscure man feel that he is at home, one of us, and that his presence and sympathy are appreciated. Have an occasional smoker, with light refreshments, and, at the proper season, a picnic, where the members, their wives and lady friends may take part, new acquaintances be formed and old friendships cemented by pleasant intercourse and agreeable conversation. Use the library more freely. Books are useless on the shelves; they are working capital when they circulate. In no calling is it more true that "reading makes the full man." Keep the club, its doings, its sayings, its objects and hopes, before the public, and especially by means of the daily press, which should be interested in its work and achievements. Have displays, preferably competitive ones, at each meeting of plants and flowers in season, and revive the annual exhibition, always in the past attractive to the public and an advertisement of the club. Diminish the time and debate given to the benefit feature, and do not allow it to become the prime object of the club's existence. Rather nurture a spirit of progress and a desire for enlightenment in the processes of our art. Above all else, encourage a disposition to cooperate in all good causes which advance the gardening interests and to promote friendly association among all classes in the trade. Mr. Graham's address was well received.

The street vendors here have largely disappeared from view, one or two absorbing all the flowers which find their way to sellers outside of the stores and of the regular dealers and growers who have permanent stands in the markets. The police have harried the fakirs a good deal, forbidding their making more than momentary stops on their rounds and practically prohibiting

any temporary stands such as were formerly winked at, if not openly permitted, on the sidewalks. This detracts somewhat from the color and movement of the streets. Few large cities but have their peripatetic flower vendors, who may be called, indeed, indices of civilization and refinement; they dispose largely of their wares to persons who do not frequent the florists' stores and not infrequently to the poor who have a very limited sum for these articles of luxury. It seems a pity that this clientele should be deprived of the opportunity of buying a few flowers, inferior ones they may be, but which give some fragrance and beauty to lives of toil. The men who control the street traffic have some capital, buy good stock and frequent the business portions of the city, one in particular limiting his rounds to the banks, hotels and large office buildings.

A new firm opening a retail store is Hess & Wolff, 904 South Charles street. In this block there are now three stores. Let us hope it here will prove that "competition is the life of trade."

The Gardeners' Club holds a smoker this week, providing light refreshments and indulging in friendly intercourse,

S. B.

Philadelphia.

There is a lull in the trade. With the exception of banquets and like functions there is not much doing, although the stores in other lines seem to have all they can handle. All florists, however, are busy getting ready for the rush next week, and orders are coming in that indicate a satisfactory Christmas. Cut flowers are now in good shape all along the line, roses and carnations being particularly fine. Prices are about the same as last week. Carnations are apparently being held back as they are scarce. Should the present cold and dull weather continue stock may be as scarce as some of the growers and commission men predict. Indications are that the growers that have choice Christmas plants will be cleaned up. Azaleas have sold well, poinsettias also are much in demand. Ziegenhaler, of Frankford Junction, has a splendid lot, thousands of them. Westcott, of Laurel Hill, is also strong on this plant. Harris has his usual fine lot and is having a great run.

Krueger, at the Reading Terminal, has a pretty cluster or chime of bells, three together, arranged in a sort of half circle and fastened to a piece of artificial holly. It is a very effective arrangement and should sell well.

Pennock Brothers have a very pretty window this week. Holly, red ribbon and a wealth of red bells make a great showing.

Robert Craig & Son are to have a novelty in dwarf plants of bougainvillea; their cyclamens and begonias are fine.

Jacob Becker has a choice lot of azaleas which are flowered almost as well as at Easter.

K.

Washington.

The opening of congress has given an impetus to business and the retail stores are having numerous orders for dinner decorations, receptions and other social events. Good stock is not plentiful, the weather for the past two weeks being far from the ideal of a grower. From the night of Friday, December 9, until 8 p. m. of Saturday, a sleet and snow storm raged, the net result being a good six

inches of snow on the landscape, green-houses included. However, as a silver lining, the storm seems to have cleared the air, Sunday being a day of sunshine. Of course, we are no worse off than our neighbors of Baltimore and Philadelphia, but good weather from now until Christmas is much to be desired. With average weather, roses and carnations will make a creditable showing. Poinsettias are the only stock I can at present name of which there is a certainty of a most abundant supply. All the growers seem to have them this year, and of good quality.

At the December meeting of the Florists' Club, December 6, Vice-president Kramer presided in the absence of President Gude, who was detained elsewhere by an important business engagement. The committee previously appointed to investigate hall facilities for the S. A. F. convention, reported that Mr. Stilson Hutchings, who controls Convention hall, would rent it for the third week of August next, from Sunday to Friday night, for the sum of \$1,000. The hall is about 150x285 feet. Secretary Bisset was directed to write to Secretary W. J. Stewart of the S. A. F. for information pertaining to the trade exhibition. A finance committee was appointed, composed as follows: J. R. Freeman, chairman; Geo. H. Cooke, E. A. Mosley, Adolphus Gude, F. H. Kramer, Otto Banes and N. Hammer. E. A. Morley was made chairman of the entertainment committee, for the convention; Otto Bauer, chairman of committee on hotel accommodation, and Geo. H. Cooke, chairman of committee on bowling. The unanimous sentiment of the members present, was that President Gude should act as president of the reception committee.

Peter Bisset, of Twin Oaks, is showing fine blooms of the pink rose Killarney. This rose originated with Dixon & Company, of Belfast, Ireland. He has also a pink seedling of his own, more double than Killarney, that looks very promising. He has quite a variety of the newer carnations; Governor Wolcott, white, and Mrs. Roosevelt, pink, are especially good.

John Robertson had two fine dinner decorations the last of the week. One was an Enchantress carnation decoration and he had quite a hustle to get enough blooms for the occasion.

J. H. Small & Sons are handling an extra fine lot of American Beauty roses. J. H. Small, Jr., says he will stand by the American Beauty until he sees a better rose.

A better all-around carnation than Lawson may, and doubtless will appear, but it has not yet arrived.

A. Gude & Brothers have a decoration in their window in honor of the army and navy foot-ball teams.

E. G. Hill, of Richmond, Ind., was here last week in the interest of his new red rose, Richmond.

Geo. H. Cooke is on a business trip to Philadelphia.

S. E.

Cleveland, O.

The Collins & Harrison Company, with a capital of \$5,000, has been incorporated by E. A. Collins, A. S. Hubbell, L. C. Collins, M. F. Harrison and M. B. Harrison to do a florists' business.

TORONTO, ONT.—T. H. Milligan, Queen street, west, has assigned to W. G. Thurston.

THE AMERICAN FLORIST

TWENTIETH YEAR.

Subscription, \$1.00 a year. To Europe, \$2.00.
Subscriptions accepted only from those
in the trade.

Advertisements, on all except cover pages,
10 Cents a Line. Agate; \$1.00 per inch.
Cash with Order.

No Special Position Guaranteed.

Discounts are allowed only on consecutive inser-
tions, as follows—6 times, 5 per cent; 13 times,
10 per cent; 26 times, 20 per cent;
52 times, 30 per cent.

Space on front pages and back cover page sold
only on yearly contract at \$1.00 per inch, net.

The Advertising Department of the AMERICAN
FLORIST is for florists, seedsmen and nurserymen
and dealers in wares pertaining to those lines only.

Orders for less than one-half inch space not accepted.

Advertisements must reach us by Wednesday to
secure insertion in the issue for the following
Saturday. Address

AMERICAN FLORIST CO., Chicago.

When sending us change of address, always send
the old address at the same time.

TRAVELERS claim that business condi-
tions and collections now are better in
the west than east.

PLANTS and plant arrangements are
growing in favor on lines indicated by
our interviews with retailers in our
Christmas number.

Now is the time to provide warmest
material for packing against blizzard
weather, which may trouble cut flower
shipments any day.

THE address label on your paper will
show whether your subscription has
been received. The date is changed in
one to two weeks after its receipt.

In sending in a change of address it is
important that the old address be given
as well as the new. This will greatly aid
us in locating your name on our mailing
list and prevent delay in making the
desired change.

Scutellaria Baicalensis Coelestina.

This is a new herbaceous plant offered
by Hillebrand, of Italy. The large blue
flowers are borne in long drooping clus-
ters like those of *Salvia patens*. Its habit
is erect, fifteen to twenty inches high,
with small, light green leaves. Its flower-
ing period extends from July to late
autumn. Coming from Siberia it is per-
fectly hardy in Germany. It may be
propagated either from seeds or cuttings.
While it requires a sunny position it is
not very particular as to soil.

American Carnation Society.

The Central Passenger Association and
The Trunk Line Passenger Association
have granted the rate of a fare and one-
third to the members going to the meet-
ing of this society in Chicago, Ill., Janu-
ary 25 and 26. It is presumed that the
other associations will fall into line and
help make this the best meeting and the
largest attended of any we have yet held.

There will be a supplement to the pre-
mium list go to press December 27. Any
one wishing to offer special premiums or
advertise in this supplement should get
into communication with the secretary
at once.

ALBERT M. HERR, Sec'y.

Insect Destroys Carnations.

ED. AM. FLORIST:—A strange insect is
destroying our carnation blooms. All
we know of it is that it makes the flow-
ers come imperfect with rotten petals in

the center and in the rotten part are one
or more nearly white eggs about the size
of a lead pencil dot.

D. F. C.

The trouble is due to the blooms being
affected with thrip. The only way to
keep these insects in check is to maintain
a regular temperature, giving ample
ventilation on every favorable occasion,
and by paying strict attention to the
fumigating. From now on the plants
should be fumigated once a week, whether
there is a visible sign of fly or not, also
paint some 4-foot strips of lime and sul-
phur on one of the steam pipes at dis-
tances of about six feet apart.

C. W. JOHNSON.

Chrysanthemum Society of America.

Eugene Dailedouze, chairman of the
committee for examining seedlings in
New York, reports that the variety Dor-
othy Faust, presented to that committee
December 3, 1904, is identical with the
variety Mrs. Robert McArthur, certifi-
cated by the society in 1897. The same
variety was presented to the same com-
mittee a few years later as David S.
Ward. Mr. Dailedouze was a member
of the committee which granted the origi-
nal certificate.

As the result of a misunderstanding by
the secretary of the society, all the varie-
ties of chrysanthemums introduced in
the spring of 1903 were omitted from
the report and lists recently issued by
the society. These varieties will be in-
cluded in the annual report for 1904, to
be issued soon.

FRED. H. LEMON, Sec'y.

British Trade Topics.

The burgesses of Reading have shown
their appreciation of the services to that
town of Martin J. Sutton, a member of
the noted firm of seedsmen, by electing
him mayor of the borough. The honor
is all the greater from the fact that Mr.
Sutton has been selected from outside the
council. For many years he has been
actively associated with the public and
religious life of Reading. Two years ago
Mr. Sutton presented to the town a
handsome statue of King Edward VII,
to commemorate the coronation, and on
that occasion the freedom of the Borough
was bestowed upon him.

In writing of Reading I am reminded of
the fact that E. J. Marsh, who for over
twenty years was manager for C. Fidler
& Company, seed merchants in that
town, has now embarked upon a new
business on his own account in London,
where he will deal in home and foreign
seed potatoes.

W. Wells & Company, of Earlswood,
Surrey, who have lately been showing
chrysanthemums in Boston, U. S. A.,
have on several previous occasions suc-
cessfully sent batches of these popular
autumn flowers to America. This firm
occupies a leading position among
growers of chrysanthemums. They have
lately taken a new nursery at South
Mersham, where nearly 50,000 plants,
representing 250 early varieties, are cul-
tivated. This extension has been neces-
sitated by the increasing trade in Great
Britain, as well as on the continent and
in the United States. Many of the chief
prize takers in America obtain their var-
ieties from Messrs. Wells. Mr. Wells, the
head of the firm, has been paying special
attention to chrysanthemum culture
since 1867. He has raised a number of
well-known singles, and in addition has
distributed the leading American, French

and Australian introductions. Among
the new early flowering varieties being
sent out next year are Abundance, deep
yellow; Frankie, golden ochre; Goacher's
Pink, pure bright pink; Jenny, orange;
Kuroki, crimson; Lillie, clear pearl pink;
Claret; Perfection, white, etc. At a recent
meeting of the Royal Horticultural Soci-
ety a first-class certificate was awarded
to Dora Stevens, an imposing bloom of
rosy cerise.

The National Chrysanthemum Society
is entering on a new departure next
month in holding a show of blooms suit-
able for market purposes. The exhibition
will be held in the neighborhood of Covent
Garden, and is likely to attract a large
number of trade growers. Richard Dean,
who for many years has held the position
of secretary to the society, is now laid
aside by sickness, but he hopes to be able
to resume his duties at the Crystal Palace
show early in December.

Frank Badman, of the Cemetery Nur-
sery, Gravesend, has added a handsome
conservatory showhouse to his premises.
At this nursery for many years a big
business has been done with the whole-
sale trade in the supply of bedding plants.
The late W. Badman, the founder of the
firm, three years ago sent out the zonal
pelargonium, King Edward VII, which
is now very popular for market work.
It is a cross between West Brighton Gem
and Henry Jacoby, partaking of the
dwarf habit of the former, with whitish
wood and white flower stalks. In the
season, which begins at the end of Janu-
ary and finishes at the end of June, Mr.
Badman sells about 500,000 geraniums
to the trade, exclusive of 10,000 show
pelargoniums. Of the half million about
50,000 are Jacoby and the same number
Vesuvius. An extensive trade is also
done with fuchsias for bedding and pot
work, the varieties most in favor being
Nancy, Avalanche, Louis Faucon, double
dark; Ballet Girl, Beauty of Cleveland,
Molesworth and Snowflake, double
white. Verbenas are again coming into
vogue, in this section the chief demand
being for Miss Willmot, Crimson King,
Lustrous, Purple King, Allernania and
La Grand Boule de Neige.

At a dinner given in London lately in
connection with the legal profession a
pleasing effect was produced by arrang-
ing chrysanthemums to represent the
Japanese national flag. The Japs are
certainly more popular with British
people than are the Russians. In a pleas-
ure garden in the suburbs the local council
this summer had a design made in carpet
bedding of the Japanese flag, and this
proved exceedingly popular, and much
regret was expressed when the frost
wiped off the cleverly executed design.

Buffalo.

Trade has been better the past week.
Stores are rearranging for the extra
work next week and orders are coming
in good shape. The indications are that
holly will not be in over supply and the
quality, so far, is not very good. Nearly
every store in town is flooded with
Christmas bells of all kinds and shapes.
Lucky will be the florist who has not
loaded his store with bells, for, when
other stores get them it is time for the
up-to-date man to get another novelty.

A visit last week to some greenhouses,
and conversation with growers, shows
the outlook for home supply to be good.
L. H. Nenbeck has his neat place in fine
shape and will have fine cyclamens, hya-
cinths in pans and camellia plants in all
colors. He has a good supply of poin-

settias and Gloire de Lorraine begonias. A visit to S. A. Anderson's, on Linwood avenue, will find as fine a lot of poinsettias as has ever been seen in Buffalo. They are in pans and single pots, some flowers measuring seventeen inches. Another house is almost full of extra fine Begonia Gloire de Lorraine and some fine azaleas and primroses.

D. Newlands & Son are now nicely located in their new store and as it is a very roomy and up-to-date place. They expect a good trade. The stock they grow is principally handled by themselves.

W. F. Kasting is handling a very large amount of ground pine and much holly. Some commission houses are handling the greens, but not in the quantities of last year.

G. D. Hale has a monopoly on all palm and bunting decorations in Buffalo now. His stock of palms, etc., is good and clean.

Rueling & Son, in Cheektowaga, and Schwert & Berner, at the Forks, are well stocked with plants at wholesale only.

J. H. Rebstock has his usual supply of good stock and looks forward to a good trade.

Professor Cowell leaves shortly after New Year's for Panama.

Wm. Scott is improving in health.

Recent visitors: E. A. Butler, Niagara Falls, N. Y.; H. J. Wise, East Aurora, N. Y. BISON.

St. Louis.

The market this week has been a little slow owing to the closing of the World's Fair and the near approach of Christmas. Roses have been much more plentiful. Carnations are still holding very strong, from 2 cents to 5 cents, and the probability of high prices for Christmas seems to be assured. It is now snowing and much colder. Harrisii lilies are now in the market and a large supply for the Christmas trade is expected. The sunshine during the week brought out the violets and increased the supply and they fell to 60 cents per 100. Holly and green are now in the market in full blast and the trade in these seems to be as good as ever. Mistletoe will come in in quantities about the 18th and the demand promises to be good.

The park superintendent will soon have his hands full, as reports are now coming in, with plans for the restoration of Forest park. An immense amount of grading and bedding will be done by Kessler in order to rival the former beauty of the park.

Geo. M. Kellogg was a visitor this week. He reports trade good with lots of orders for all he can grow for the Christmas trade.

Alex. Walbart finds that orders for flowering plants for Christmas are ahead of last year.

G. S. Walters says that trade is very good with a large increase in shipping trade.

Oscar Heile is getting ready for a heavy trade for the holidays. W. F.

New Bedford, Mass.

The greenhouses of H. H. Rogers, Fairhaven, were recently opened to the public for about a week, and were visited by several thousand people. A house of chrysanthemums grown mostly in 10-inch pots and arranged for effect with fine ferns and foliage plants would be hard to beat. Seen by gas light in the evening the effect was very beautiful. There were

some specially fine pots of Dr. Enguehard, Columbia, Peter Kay and Ivory chrysanthemums. The house has been entered for a premium with the Massachusetts Horticultural Society. Mr. Garthley, gardener, has a new seedling anemone that is very pretty. There were also some fine Golden Wedding and yellow and white Eaton. These exhibitions by Mr. Rogers and Mr. Winter, of Fairhaven, are great educators of the flower loving people, and also a stimulant and inspiration to the commercial grower of this vicinity.

Sensible Gifts.

A year's subscription to the AMERICAN FLORIST will make an appropriate and useful gift for trade employes, sent to their home addresses. In many ways it will be a good investment. Send up their names and addresses now, enclosing \$1 for each subscription, and we will start with this number and continue sending the paper every week of 1905.

NORMAL, ILL.—James W. Adams has built two new greenhouses, each 18x100 feet.

LITTLE ROCK, ARK.—Joseph Vestal & Son have just completed three new greenhouses, 20x200 feet each.

MEXICO CITY, MEXICO.—A new greenhouse will be built in the park at Chapultepec. It is announced that many plant novelties will be imported for the house, including chrysanthemums.

INDIANAPOLIS, IND.—The Indiana Horticultural Society held its final session at the State House December 8. The recommendation of President Stevens for the appointment of a permanent secretary, with an office at the State House, was approved.

SITUATIONS, WANTS, FOR SALE.

One Cent Per Word.

Cash with the Adv.

Plant Ads. NOT admitted under this head.

Every paid subscriber to the AMERICAN FLORIST for the year 1904 is entitled to a five-line WANT ADV. (situations only) free, to be used at any time during the year.

Situation Wanted—By working foreman; south preferred. First-class references and only good firms need to apply. Can change in January. No. 52, 2628 Halstead St., Cincinnati, O.

Situation Wanted—By an up-to-date store man. Wants first-class position to take charge of first-class establishment. Address Wm. Smith, 113 Summit Ave., St. Paul, Minn.

Situation Wanted—By a young man who has been in charge of a retail establishment. Have references for growing carnations and roses and rose grafting. Address Box 100, care American Florist.

Situation Wanted—By a good all-around florist; single, 25 years old, 10 years' experience in palms, ferns, bulbs, etc. Capable of taking care of small commercial place. Address Box 102, care American Florist.

Situation Wanted—As working foreman, German, single, sober, age 33; first-class cut flowers and pot plants, etc.; designer, landscape. Please state wages. Good references. Address O. Quaes, 436 Pine St., Calumet, Mich.

Situation Wanted—Working foreman wants position by January 1; first-class grower of cut flowers and all kinds of pot plants and bulbous stock; understands grafting of roses and handling of men. Address Box 103, care American Florist.

Situation Wanted—By English gardener, age 25 years; experienced in orchids, chrysanthemums, stove and greenhouse plants, cut flowers and general gardening. First-class references. Address GEORGE BROWN, Earncliffe, Ottawa, Canada.

Situation Wanted—By good grower of roses, carnations, mums, lilies and general stock; also up-to-date designer, able to take charge; vicinity of Chicago or west preferred; steady; commercial or private. State wages. Address Box 103, care American Florist.

Help Wanted—Young man to learn the florist trade, from 15 to 18 years of age. Apply to JOHN L. WYLAND, De Haven, Pa.

Help Wanted—\$20 to \$50 per week to experienced florists; whole or part time. Reference. I. SPAULDING, PRES., Spaulding, Ill.

Help Wanted—Experienced man for general greenhouse work at once; state age and experience. E. M. HOLT & Co., Butler, Pa.

Help Wanted—Second man for greenhouse, must have experience in growing roses and carnations; wages \$12 per week. Address Box 98, care American Florist.

Help Wanted—A good reliable man to take charge of retail store, must be up-to-date in the floral work. Wages \$8 per week. State reference from last place. Apply H. P. KLEINHAUS, 16 North Fourth St., Easton, Pa.

Help Wanted—An experienced florist to take charge of 4500 feet of glass, cut flowers and bedding plants. Must understand designing; married man preferred. Write at once for particulars. J. W. SHEARER, Winchester, Ky.

Help Wanted—A married man to work vegetable garden; salary \$45 a month and house; 20 acres in the place; 2 acres vegetables, 2 acres strawberries. Place on the Interurban railway, five miles from Battle Creek, Mich. Address E. F. CLARK, Manager Post Tavern, Battle Creek, Mich.

For Sale—Ballard's greenhouse, \$750. Perry, Iowa.

For Sale—A greenhouse 20x100, bought for my own use, but decided not to build. All taken down ready for shipments; 70 boxes 16x24 glass, 1,800 feet pipe, No. 3008 Furman boiler, cypress frame; been used two years. At a bargain. W. E. INGALLS, Brighton, Me.

For Sale—An elegant greenhouse plant, up-to-date and modern in every way; 20 lots, 4000 feet of glass, fine dwelling, all new; a fine retail and wholesale trade; the demand is first class; good market; in one of the finest cities in Colorado; water plentiful and the best of soil right at the door; have other business; will sell reasonably. Address No. 99, care American Florist.

FOREMAN WANTED.

An all-around grower of cut flowers and pot plants for a wholesale and retail trade. \$75.00 per month, the first-year. Must be sober and industrious. Address

Box 101, care American Florist.

To Florists.

My company will pay you a liberal salary or commission for your entire or part time as you prefer. Extra pay to experienced florists. Address

EMPLOYER, care American Florist.

GREENHOUSE GLASS

FOR SALE CHEAP. GREAT BARGAIN.

In quantities of not less than 200 box lots. I. O. B. Chicago. Net cash per box.

| | |
|---------------------------------|------|
| 200 boxes 12x14 Double Thick B. | 2.75 |
| 500 boxes 16x18 " | 2.75 |
| 500 boxes 16x18 " | 2.55 |
| 400 boxes 16x20 " | 3.00 |
| 500 boxes 16x24 " | 3.00 |
| 400 boxes 16x24 " | 2.75 |

Great bargain in all other glass, for shipment east or west.

Jas. H. Rice Co., Mfrs. and Jobbers, 60-82 Wabash Ave., Chicago. Please mention the American Florist when writing.

**AMERICAN
FLORIST
ADS ~ ~ ~**

Always do business
Week days and holidays
Sundays and holidays
All over the country
At home and abroad

Wietor Brothers, 51 Wabash Avenue, CHICAGO.

WHOLESALE CUT FLOWERS.

—HOLIDAY PRICES. SUBJECT TO CHANGE.—

AMERICAN BEAUTY.

| | Per doz. |
|--------------|----------|
| 36-inch stem | \$12.00 |
| 30-inch stem | 10 00 |
| 24-inch stem | 8 00 |
| 20-inch stem | 6 00 |
| 18-inch stem | 4 00 |
| 12-inch stem | 3 00 |

ROSES.

| | Per 100 |
|-----------------------|--------------------|
| Bride and Maid | \$12.00 to \$15.00 |
| Meteor and Gate | 12.00 to 15.00 |
| Liberty | 12.00 to 20.00 |
| CARNATIONS—Good stock | 4.00 |
| " Large and fancy | 5 00 to 6 00 |

Please mention the American Florist when writing.

Wholesale Flower Markets

MILWAUKEE, Dec. 15.

| | |
|------------------------------|--------------|
| Roses, Beauty, long per doz. | 6.00 |
| " " med. " 2 00@ 3.00 | |
| " " short..... | 8.00 |
| " Liberty..... | 4 00@12.00 |
| " Chateau..... | 3 00@10 00 |
| " Bride, Bridesmaid..... | 3 00@10 00 |
| " Meteor, Golden Gate..... | 3 00@ 8 00 |
| " Perle..... | 2 00@ 5 00 |
| Carnations..... | 2 00@ 5 00 |
| Smilax..... | 10 00@12.50 |
| Asparagus..... | 35.00@50 00 |
| Valley..... | 3 00@ 4 00 |
| Adiantum..... | 1 00 |
| Violets..... | 1 00@ 1 50 |
| Callas..... | 10.00@12.50 |
| Romans, Paper Whites..... | 2 00@ 3 00 |
| Sweet peas..... | 5 00@ 1 00 |
| Stevia..... | 1 50@ 2 00 |
| Harrisii..... | 12.50@ 15 00 |

PITTSBURG Dec. 15.

| | |
|------------------------------|-------------|
| Roses, Beauty, specials..... | 40.00@50.00 |
| " " extras..... | 30.00@35.00 |
| " " No. 1..... | 15.00@20.00 |
| " " ordinary..... | 6 00@10 00 |
| " Bride, Bridesmaid..... | 2 00@12 00 |
| " Meteor..... | 4 00@ 6 00 |
| " Liberties..... | 4 00@15 00 |
| " Kaiserin..... | 2 00@10 00 |
| Perle, Chateau..... | 2 00@ 6 00 |
| Carnations..... | 1 50@ 5 00 |
| Lily of the valley..... | 3 00@ 4 00 |
| Smilax..... | 12.50@15 00 |
| Asparagus, strings..... | 25.00@50.00 |
| Asparagus Sprenger..... | 1 00@ 3 00 |
| Lilies..... | 15 00@25 00 |
| Adiantum..... | 1 00@ 1 50 |
| Violets..... | 5 00@ 2 00 |
| Paper White Narcissus..... | 2 50@ 3 00 |
| Roman hyacinths..... | 1 00@ 4 00 |
| Stevia..... | 1 00@ 2 00 |

CINCINNATI, Dec. 15.

| | |
|------------------------------------|----------------|
| Roses, Beauty, 1.00@ 4.00 per doz. | |
| " " Bride, Bridesmaid..... | 3.00@ 6.00 |
| " " Liberty..... | 3.00@ 6.00 |
| " " Meteor, Golden Gate..... | 3.00@ 6.00 |
| Carnations..... | 1.00@ 4.00 |
| Lily of the valley..... | 3.00@ 4.00 |
| Asparagus..... | 50.00 |
| Smilax..... | 10.00@12.50 |
| Adiantum..... | 1.00@ 1.50 |
| Callas..... | 10.00 |
| Asparagus Plumosus and Sprenger | |
| in bunches..... | .25c per bunch |

ST. LOUIS, Dec. 15.

| | |
|--------------------------------|-------------|
| Roses, Beauty, long stem..... | 6.00 |
| " Beauty, medium stem..... | 4 00@5.00 |
| " Beauty, short stem..... | 1 00@3.00 |
| " Bride, Bridesmaid..... | 4 00@ 6 00 |
| " Golden Gate..... | 4 00@ 6 00 |
| " Liberty..... | 4 00@ 8 00 |
| " Kaiserin..... | 4 00@ 6 00 |
| " Meteor..... | 4 00@ 6 00 |
| Carnations..... | 2 00@ 5 00 |
| Smilax..... | 15 00 |
| Asparagus Sprenger..... | 1 50@ 3 00 |
| " Plumosus..... | 25.00@50.00 |
| Ferns, fancy, per 1000 \$1.75. | |
| Adiantum..... | 1 00@ 1 25 |
| Violets, California..... | .75@1 00 |
| " Double..... | 1 50 |
| Lily of the valley..... | 4 00 |
| Stevia..... | 1 00 |

CLEVELAND, Dec. 15.

| | |
|----------------------------|-------------|
| Roses, Beauty..... | 10.00@50.00 |
| " " Bride, Bridesmaid..... | 5 00@ 9 00 |
| " " Meteor..... | 5 00@ 9 00 |
| Carnations..... | 2 00@ 4 00 |
| Smilax..... | 10 00@15 00 |
| Asparagus, strings..... | 25.00@50.00 |
| " Sprenger..... | 1 00@ 2 00 |
| Galax..... | 1 00@ 1 50 |
| Common ferns..... | 1 50 |
| Violets, single..... | .75@ 1 00 |
| " double..... | 1 00@ 1 50 |
| Paper Whites..... | 3 00@ 4 00 |
| Stevia..... | 1 00@ 1 50 |

Headquarters for Seasonable Novelties and Fancy Stock.

PITTSBURG'S LARGEST AND OLDEST WHOLESALE,

PITTSBURG CUT FLOWER CO., Ltd.

504 LIBERTY AVE..

PITTSBURG, PA.

WANTED: CONSIGNMENTS OF HIGH GRADE CARNATIONS.

Please mention the American Florist when writing.

HOLTON & HUNKEL CO.,

Wholesale Cut Flowers

462 Milwaukee Street,

MILWAUKEE, WIS.

Please mention the American Florist when writing.

—THE—

J. M. McCullough's Sons Co.

WHOLESALE

FLORISTS

ALSO SUCCESSORS TO

THE CINCINNATI CUT FLOWER CO.

CONSIGNMENTS SOLICITED.

Special attention given to Shipping Orders.

316 WALNUT ST.

CINCINNATI, O.

Please mention the American Florist when writing.

Pittsburg Florists' Exchange,

WHOLESALE FLORISTS

and Florists' Supplies.

228 Diamond St., PITTSBURG, PA.

Send for weekly price list and prices on large orders..

Please mention the American Florist when writing.

H.G. BERNING

Wholesale Florist

1402 Pine St., ST. LOUIS, MO.

Please mention the American Florist when writing.

C. A. KUEHN,

Wholesale Florist,

1122 Pine St., ST. LOUIS, MO.

A Complete Line of Wire Designs.

Peter Weiland,

WHOLESALE FLORIST,

Room 18, 128 E. Third St., CINCINNATI, O.

Headquarters for

American Beauties and all leading varieties of
Roses and Carnations.

All flowers sold at prevailing market prices.
Orders received and filled at Greenhouses if
desired, by addressing

PETER WEILAND, New Castle, Ind.

Please mention the American Florist when writing.

AMERICAN BEAUTIES.

Cut Roses—American Beauties and all
kinds of Tea Roses at lowest prices. Trial
orders solicited.

HELLER BROS., New Castle, Ind.

South Park Floral Company

Please mention the American Florist when writing.

RICE BROTHERS

128 N. 6th St., MINNEAPOLIS, MINN.

Wholesale Cut Flowers and Supplies.

Wild Smilax | Flowers billed at
Market Prices.

Shippers of choice Cut Flowers and Greens of all
kinds. Try us.

Please mention the American Florist when writing.

J. B. MURDOCH & CO.

WHOLESALE FLORISTS,

FLORISTS' SUPPLIES.

545 Liberty Ave., PITTSBURG, PA.

Please mention the American Florist when writing.

The Leo Niessen Company

WHOLESALE FLORISTS

1217 Arch Street,

Store open from 7 A
M. to 8 P. M.

PHILADELPHIA, PA.

The Cleveland Cut Flower Company,

WHOLESALE CUT FLOWERS, FLORISTS' SUPPLIES, WIRE DESIGNS.

52 and 54 High Street,

CLEVELAND, OHIO.

BOSTON, MASS.

WELCH BROS.

15 Province Street.

All Varieties FLOWERS in Season. FANCY and DAGGER FERNS.
FLORISTS' SUPPLIES all kinds.
Long Distance Telephone, 6268-6267 Main.

For CHRISTMAS, Cut Strings of

Asparagus Plumosus Nanus.

FIRST-CLASS STOCK RUNNING EVEN AND FULL,
50 CENTS EACH.

W. H. ELLIOTT, Brighton, Mass.

LEIKENS

7 E. 33d St. Near New York City.
Telephone No. 1417 Madison.

Christmas and New Year Orders
By Tel-graph Faithfully Filled.

Orders for Baskets, Boxes, Designs, Steamers, Receptions, and from out-of-town Florists will receive personal and careful attention. We guarantee perfect satisfaction.

Original Pioneer House—Established 1871.

JAMES HART

117 W. 30th St., NEW YORK.

Wholesale and Commission

Consignments solicited. Shipping orders promptly attended to. Phone 626 Madison.

Please mention the American Florist when writing.

GEORGE COTSONAS & CO.,

Wholesale and Retail Dealers in all kinds of EVERGREENS, FANCY and DAGGER FERNS, BRONZE and GREEN GALAX.
Phone 1202 Mad. Sq.

MAIN STORE, 45 W. 29th St., NEW YORK.
BRANCH, 65 W. 28th St., NEW YORK.

Please mention the American Florist when writing.

The Philadelphia Wholesale Flower Market.

1235-7 Filbert St., PHILADELPHIA.

Open from 7 A. M. to 6 P. M. Telephones.

THE KERVAN COMPANY,
WHOLESALE DEALERS,

All Decorating Evergreens, Galax, Leucothoe, Mosses, Etc.

20 W. 27th Street, NEW YORK.

TELEPHONE 1519 MADISON SQ.

GALAX, LEUCOTHOE, ETC.

Galax, Brilliant, Bronze or Green, \$1.00 per 1000.
In lots of 5,000 at 75c per 1000.
Leucothoe Sprays, Bronze or Green, \$1.00 per 100;
\$1.50 per 1000.
Green Sheet Moss, per bbl. sack..... \$2.50
Sphagnum Moss, per sack..... 80c and 1.25
CUT FLOWERS, FLORISTS' SUPPLIES.
H. L. MENAND, 34 Williams St., Albany, N. Y.
L. D. TELEPHONES.

Wholesale Flower Markets

BOSTON, Dec. 15.

| | |
|-------------------------------|-------------|
| Roses, Beauty, best..... | 15.00@35.00 |
| " " medium..... | 8.00@20.00 |
| " " ovals..... | .50@ 4.00 |
| " " Bride, Bridesmaid..... | 1.00@ 3.00 |
| " " extra..... | 4.00@ 8.00 |
| " " Liberty..... | .50@ 8.00 |
| Carnations..... | .50@ 1.00 |
| " " Fanny..... | 1.00@ 2.00 |
| Lily of the valley..... | 3.00@ 4.00 |
| Smilax..... | 8.00@12.00 |
| Adiantum..... | .75@ 1.00 |
| Asparagus..... | 35.00@50.00 |
| Violets..... | .50@ 1.00 |
| Chrysanthemums, ordinary..... | 4.00@ 6.00 |
| " " fancy..... | 8.00@12.00 |

PHILADELPHIA, Dec. 15.

| | |
|-----------------------------------------|-------------|
| Roses, Tea..... | 5.00@ 8.00 |
| " " extra..... | 10.00@15.00 |
| " " Liberty..... | 8.00@20.00 |
| " " Queen of Edgely, extra..... | 25.00@50.00 |
| " " firsts..... | 15.00@30.00 |
| " " Beauty, extra..... | 25.00@50.00 |
| " " firsts..... | 15.00@20.00 |
| Carnations..... | 2.00@ 6.00 |
| Chrysanthemums, per doz., \$1@ \$4..... | 8.00@35.00 |
| Lily of the valley..... | 3.00@ 5.00 |
| Asparagus..... | 25.00@50.00 |
| Smilax..... | 12.00@15.00 |
| Violets, single..... | .50@ 1.00 |
| " " double..... | .75@ 1.50 |
| Adiantum..... | 1.00@ 1.50 |
| Gardenias..... | .40@ .50 |
| Mignonette..... | 2.00@ 4.00 |

BUFFALO, Dec. 15.

| | |
|------------------------------------|-------------|
| Roses, Beauty..... | 6.00@50.00 |
| " " Bride, Bridesmaid, Meteor..... | 3.00@10.00 |
| Carnations..... | 2.00@ 5.00 |
| Harrillei..... | 15.00 |
| Lily of the valley..... | 2.00@ 5.00 |
| Asparagus, strings..... | 40.00@50.00 |
| Smilax..... | 12.50@15.00 |
| Adiantum..... | .50@ 1.00 |
| Lilium Longiflorum..... | 15.00 |
| Chrysanthemums..... | 5.00@25.00 |
| Violets..... | .75@ 1.50 |



FANCY

DAGGER

CHRISTMAS TREES, Baled Spruce for Cemetery Use,
Bouquet Green, Sphagnum Moss, Etc.

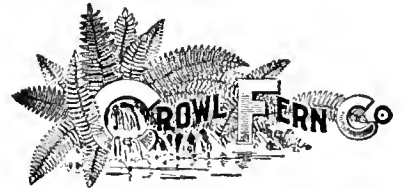
L. B. BRAGUE, Hinsdale, Mass.

BERGER BROS. WHOLESALE FLORISTS.

Bell and Keytone 'Phones. 1220 Filbert Street, PHILADELPHIA.

HARDY CUT FERNS.

Fancy or Dagger Ferns, \$1.00 per 1000. Galax, Brilliant Bronze or Green, 75c per 1000; \$6.50 per case of 10,000. Laurel Festooning, hand-made, full sizes, 4c, 5c and 6c per yd. Made fresh daily from the woods. Send us your CHRISTMAS orders now and we will please you. Branch Laurel, 35c per large bundle. Southern Wild Smilax, per 50-lb. case, \$5.50. Laurel Wreaths and Princess Pine Wreaths, made all sizes and prices. Princes Pine by the lb. and made into roping. Tell us your wants and we will name you prices.



Tel. Offloe, New Salem, Mass. Millington, Mass.

Southern Wild Smilax

Choice stock, well packed, 50 lb. case, \$3.00, will cover about 600 square feet. 25 lb. case, \$3.25 will cover 300 square feet.

Galax Leaves, Brilliant bronze or green, selected stock full count, \$1.00 per 1000; \$3.75 per 5000.
Leucothoe Sprays, green, 90c per 100, \$7.50 per 1000.
Sphagnum Moss, large bale, \$1.75; by freight \$2.00.
Green Sheet Moss, beautiful color, clean stock, \$2.50 per bbl. sack.

Immortelles, new crop, red, white, blue, purple, orange, pink, green or black, \$2.75 per doz. bun's.; yellow, \$2.25 per doz. bunches.

ALL KINDS OF FLORISTS' SUPPLIES.

Tel. 597 Madison Square. L. J. KRESHOVER,
110-112 W. 27th St., New York.

Hardy Cut Ferns

First Quality, \$1.00 per 1000.

ALSO DEALER IN

FLOWERS SHIPPED BY

JOHN I. RAYNORARE THE BEST PRODUCT OF THE BEST
GROWERS FOR THE NEW YORK MARKET.**Adiantum Croweanum**
SOLD HERE EXCLUSIVELY.49 W. 28th St., NEW YORK.
Tel. 1998 Madison Square.**YOUNG & NUGENT**42 West 28th Street,
Telephone 2055 Madison Sq.**Wholesale Florists.**

CATTLEYS, GARDENIAS, ROSES, CARNATIONS and all seasonable novelties. With our long experience in shipping, and competent assistants in our packing department, we are in a position to guarantee out-of-town customers who place their orders with us that they will not be disappointed.

Walter F. Sheridan,
Wholesale Florist,

Telephone 902 Madison Square.

39 West 28th St., NEW YORK.

Telephone No. 755 Madison Square,

**MOORE, KENTZ & NASH**

Wholesale Commission Florists.

56 and 57 West 28th St. NEW YORK CITY.

Advice of sale note daily. Statement and check weekly. All consignments, large or small, receive the same attention. CORRESPONDENCE INVITED.

WHOLESALE WILLIAM GHORMLEY, COMMISSION

Daily Receiver and Shipper of Fresh Cut Flowers.

Orchids, Roses, Carnations, Valley, Lilies, etc.

Telephones 2200 and 2201 Madison Square.

57 West 28th Street, NEW YORK CITY.

JOHN YOUNG,Special American Beauties,
Surpassing Carnations,
Lily of the Valley, Orchids
and all Seasonable Flowers.51 West 28th St., NEW YORK.
Telephone 1905 Madison Square.THE RECOGNIZED HEADQUARTERS IN
NEW YORK CITY FOR**Violets and Carnations**GROWERS and BUYERS make a note of this.
It will be to your advantage.**WM. H. GUNTHER,**
80 West 29th Street, NEW YORK.
Telephone 551 Madison Square.**THOMAS YOUNG, Jr.**
WHOLESALE FLORIST.**CHOICEST CUT FLOWERS.**
43 W. 28th St., NEW YORK CITY.**THE RELIABLE
COMMISSION HOUSE****JOSEPH S. FENRICH**48 W. 30th Street, NEW YORK.
TEL. 325 MADISON SQ.**N. Y. CUT FLOWER EXCHANGE**Coogan Bldg., 6th Ave. & W. 26th St., New York.
Open for Cut Flower Sales at 6
o'clock Every Morning.DESIRABLE WALL SPACE TO RENT FOR
ADVERTISING.**JOHN DONALDSON, Secretary.**

Choice Carnations.

Selected Roses.

Traendly & Schenck

NEW YORK CITY,

44 W. 28th Street, Cut Flower Exchange.
New Telephone No. 798 & 799 Madison Sq.**Wholesale Flower Markets**

NEW YORK, Dec. 15.

| | |
|------------------------------------|-------------|
| Roses, Beauty, best..... | 15.00@40.00 |
| " " medium..... | 3.00@10.00 |
| " " culls..... | 1.00@2.00 |
| " Liberty, best..... | 6.00@15.00 |
| " " medium..... | 2.00@5.00 |
| " " culls..... | 1.00@1.50 |
| " Bride, Bridesmaid, G. Gate..... | 1.50@15.00 |
| " Kaiserin, Carnot..... | 1.50@10.00 |
| Carnations..... | 1.50@3.00 |
| " fancy and novelties..... | 3.00@6.00 |
| Lily of the valley..... | 1.00@4.00 |
| Lilies..... | 8.00@15.00 |
| Smilax..... | 5.00@10.00 |
| Adiantum..... | .10@.50 |
| Asparagus..... | 25.00@50.00 |
| Gardenias..... | 2.00@8.00 |
| Violets..... | .50@1.25 |
| Chrysanthemums, per doz., 75c@3.00 | |

Charles Millang**WHOLESALE FLORIST.**Conservatory connected from which I can ship
ferns and decorative plants promptly.50 W. 29th St. NEW YORK.
Tel. 3860 and 3861 Madison Square.Receivers and Shippers of Cut Flowers.
Consignments Solicited.**A. L. YOUNG & CO., Wholesale
Florists,**
54 West 28th Street,
Telephone 3559 Madison Sq. NEW YORK.**FORD BROS.**

Receivers and Shippers of

Fresh Flowers111 West 30th St., NEW YORK.
Telephones 3870-3871 Madison Sq.

REPRESENTING EMINENT GROWERS.

Julius Lang

53 West 30th Street, NEW YORK.

COMMISSION DEALER in FLOWERS
TELEPHONE 240 MADISON SQUARE.**ALEX. J. GUTTMAN,**

Wholesale Commission Florist,

All varieties of Cut Flowers in season
at right prices, and of the
BEST QUALITY.52 W. 29th Street, NEW YORK CITY.
Telephone 1664 and 1665 Madison Square.**THE
NEW YORK CUT FLOWER CO.**55 and 57 West 26th St.,
WHOLESALE FLORISTS.

Daily Reports.

Weekly Payments;

TELEPHONE
756 Madison Sq.**J. A. MILLANG,**
MANAGER.**CARNATIONS My
Specialty.**

CONSIGNMENTS SOLICITED.

Prompt Payments.

Established 1881

Alfred H. Langjahr, 55 W. 28th St.
New York.

Telephone 3924 Madison Sq.

EDW. C. HORAN,

55 WEST 28TH STREET,

Telephone 421
Madison Square.

.....NEW YORK.

CUT FLOWERS AT WHOLESALE.

CUT FLOWERS OR DESIGNS will be Delivered for the Trade on Wire or Mail Orders in Best Qualities and Prices:

NEW YORK.

Steamer Gifts

Orders for flowers in any form carefully filled and delivered by special messenger on board any steamer on day of departure from New York.

THOS. YOUNG, JR.
43 W. 28th St., NEW YORK CITY.

Please mention the American Florist when writing.

SAN FRANCISCO.

TELEPHONE MAIN 1023.

SIEVERS & BOLAND,
Floral Artists,

33 Post Street, SAN FRANCISCO, CAL.

INDIANAPOLIS.

Bertermann Bros. Co.,
FLORISTS,

241 Massachusetts Ave., INDIANAPOLIS, ND.
Please mention the American Florist when writing.

ST. LOUIS.

Fred. C. Weber,
FLORIST,

4320-4328 Olive St., ST. LOUIS, MO.
Established 1873. L. Dial. 'Phone Lindell 196 M.

DENVER.

The Park
Floral Co.

J. A. VALENTINE, Pres. DENVER, COLO.

MILWAUKEE.

C. C. Pollworth Co.
MILWAUKEE, WIS.

Will take proper care of your orders in

WISCONSIN.

CHICAGO.

Established 1857.

The Geo. Wittbold Co.

1657 Buckingham Place, CHICAGO.

Growers and importers. The oldest and leading house in Central and Western United States. Decorative plants a specialty. Mail and Wire Orders Get Prompt attention.

Palmer's

BUFFALO,
N. Y.

DETROIT.

JOHN BREITMEYER'S
SONS

Cor. MIAMI and GRATIOT AVES.

DETROIT, MICH.

Artistic Designs. * * *

High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Please mention the American Florist when writing.

CHICAGO.

P. J. HAUSWIRTH
Auditorium Annex,
CHICAGO.

Mail, telegraph or telephone orders filled promptly in best style.

OMAHA.

HESS & SWOBODA,
FLORISTS,

1415 Farnam Street, OMAHA, NEB.
'Phone 1601 and L. 1682.

SPRINGFIELD.

Mark Aitken
FLORIST.

388 Main St., Springfield, Mass.

WASHINGTON.

Joseph R. Freeman,
FLORIST,

612 13th St. N.W., WASHINGTON, D. C.

ST. PAUL.

HOLM & OLSON,
ST. PAUL.

THE LEADING FLORISTS OF THE N. W.
Orders will be well cared for anywhere in Minnesota and the Dakotas.

MILLS THE FLORIST,

36 W. Forsyth Street,

JACKSONVILLE, FLA.

A. Gude & Bro.
FLORISTS

1214 F St., WASHINGTON, D. C.

Indianapolis Floral Co.

839 Ft. Wayne Avenue,

INDIANAPOLIS, IND.

WHOLESALE

Commission Florists.

ALL ORDERS PROMPTLY FILLED IN BEST POSSIBLE MANNER.

Consignments Solicited. We are in position to give prompt and liberal returns on all consignments.

WANTED, Bulbs.

We want to buy in lots of 1,000 to 10,000 each the following: TULIPS, select mixtures, CROCUS, HYACINTHS, separate colors mixed, NARCISSUS, all kinds, LILIES.

CHAS. CHADWICK,

COR. FULTON & LAGRAVE,

Grand Rapids, Mich.

WHOLESALE and RETAIL FLORIST.

High-Grade Cut Blooms.

Carnations, Roses, 'Mums, Violets, Etc.

Choice American Beauties a Specialty.

Artistic Designs on Short Notice.

Good Shipping Facilities to all Michigan Points.

—A TRIAL ORDER SOLICITED.—

JOHN WOLF,

Wholesale and Retail Florist,

SAVANNAH, GA.

Paper White Narcissus and Roman Hyacinths.

\$2.00 per hundred, in any quantity.

Long Distance Telephone Connections.

N. Lecakes & Co.

53 W. 28th St., New York.

Tel. No. 1214
Madison Square

Stands at Cut
Flower Exchange
Coogan Bldg., W.
26th Street & 34th
Street Cut Flower

Market. Specialties: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine and all kinds of Evergreens.

Green and Bronze Galax Leaves, 75c per 1000

Michigan Cut Flower Exchange,

WM. DILGER, Mgr.

Fancy and Dagger Ferns.

All Cut Flowers in Season.

38-40 Miami Ave., DETROIT, MICH.

HOLIDAY PRICE LIST.

SUBJECT TO CHANGE WITHOUT NOTICE.

Our reputation has always been that we fill orders when others fail. All stock in season at Lowest Market Rates.

| BEAUTIES— | Per doz. | GOLDEN GATE.. | Per 100 | MAHONIA | Per 100 |
|----------------------|----------------|---------------------------|--------------------|------------------------------|------------------|
| Extra long stem..... | \$21.00 | ROSES, our selection..... | \$12.00 to \$15.00 | ADIANTUM..... | \$1.00 to \$1.50 |
| 24-inch stem..... | 8.00 | CARNATIONS | 4.00 to 6.00 | SMILAX, per dozen | 2.00 |
| 20-inch stem..... | 6.00 | VIOLETS..... | 1.00 to 1.50 | GALAX, green, per 1000 | \$1.25 |
| 15-inch stem..... | 4.00 | ROMANS..... | 3.00 to 4.00 | " bronze, per 1000..... | 1.50 |
| 12-inch stem..... | 3.00 | NARCISSI..... | 3.00 to 4.00 | LEUCOTHOE, per 1000..... | 6.00 |
| | | CALLAS..... | 15.00 to 20.00 | FERNs, per 1000 | 2.00 |
| BRIDES..... | 12.00 to 15.00 | MIGNONETTE..... | 3.00 to 5.00 | ASPARAGUS SPRENGERI..... | 4.00 |
| BRIDESMAIDS..... | 12.00 to 15.00 | VALLEY..... | 3.00 to 4.00 | " PLUMOSUS..... | 2.00 to 3.00 |
| LIBERTIES..... | 12.00 to 20.00 | | | " " Strings..... | 50.00 |
| PERLES..... | 12.00 to 15.00 | | | | |

SPECIALY GRADED STOCK CHARGED ACCORDINGLY.

KENNICOTT BROS. COMPANY

40-42-44 Randolph St., CHICAGO.

Please mention the American Florist when writing.

R. C. HAYDEN, Sec'y and Treas.

WM. J. MUTH, Manager.

PHILADELPHIA CUT FLOWER CO.

Wholesale Commission Florists

CHOICE BEAUTIES, MAIDS AND BRIDE ROSES,
FANCY CARNATIONS

AND ALL OTHER SEASONABLE FLOWERS.

1516-1518 Sansom Street,

Bell and Keysone Phones.
Open 7:30 a. m. to 8 p. m.

PHILADELPHIA, PA.

Please mention the American Florist when writing.



FANCY CUT FLOWERS A SPECIALTY.

If you want Choice Cut Flowers at any time or all the time, send to

CHARLES W. McKELLAR,
51 Wabash Avenue, CHICAGO.

Western Headquarters for Choice

ORCHIDS, FANCY VALLEY, VIOLETS BEAUTIES, TEA ROSES, CARNATIONS and CHRYSANTHEMUMS. Wild Smilax, Asparagus, Adiantum, Smilax, Fancy Ferns always in abundance. Also a complete line of all Florists' Supplies, Novelties and Wire Work. Our Christmas Goods are all in and are unsurpassed.

LONG DISTANCE 'PHONE, CENTRAL 3598, AUTO. 3623.

Please mention the American Florist when writing.

VERY LOW CHRISTMAS RATES

for Christmas holidays to all points on the Nickel Plate Road between Chicago and Buffalo. Excursion tickets on sale December 24, 25, 26 and 31, 1904, and January 1 and 2, 1905, good returning January 4, 1905. Three through express trains daily. No excess fare charged on any train. Also lowest rates and shortest line to Cleveland, Buffalo, New York, Boston and all eastern points. Modern sleeping and dining cars. Individual Club Meals, ranging in price from 30c to \$1, served in Nickel Plate dining cars; also service a la carte. All trains leave from La Salle St. Station, Chicago. City ticket office, Chicago, Ill., 111 Adams St. and Auditorium Annex. For further particulars address John Y. Calahan, General Agent, 113 Adams St., Room 298.

33

GALAX, FERNS, ETC.

Bronze Galax..... @ 60c per 1000
Green Galax..... @ 60c per 1000
Cut Fancy Ferns..... @ \$1.00 per 1000
Cut Dagger Ferns..... @ 1.00 per 1000
Cut Leucothoe Sprays..... @ 3.00 per 1000
Cut Rhododendron Sprays..... @ 4.00 per 1000
First-class and fresh from patch. Cash with order.

J. N. PRITCHARD, Elk Park, N. C.

GALAX LEAVES AND Leucothoe Sprays.

J. G. LOVEN, Montezuma, N. C.

ALWAYS MENTION THE...

AMERICAN FLORIST

WHEN WRITING ADVERTISERS.

HEADQUARTERS FOR
"SUPERIOR QUALITY"

BRAND

Wild Smilax

ALWAYS ON HAND, AND
IN ANY QUANTITY.

NONE BETTER.

E. F. WINTERSON CO.,
45-47-49 Wabash Avenue,
CHICAGO.

Vaughan & Sperry, Wholesale Florists,

58 and 60 Wabash Ave., CHICAGO.
WRITE FOR SPECIAL PRICES.

—GREEN AND BRONZE—

Galax Leaves.

Fresh gathered, \$3.00 per case of 5,000.
Cash with order.

HALL & JONES COMPANY,
BLOWING ROCK, NORTH CAROLINA.

HIGH-GRADE SOUTHERN WILD SMILAX.

SPECIAL FACILITIES FOR HANDLING LARGE ORDERS.
WRITE, WIRE OR PHONE.

And Florists' Hardy Decorative Supplies,
Prices Right.

E. A. BEAVEN, - - Evergreen, Ala.

The Seed Trade.

AMERICAN SEED TRADE ASSOCIATION.

Chas. N. Page, Des Moines, Ia., Pres.; L. L. May, St. Paul, Minn., First Vice-Pres.; C. E. Kendel, Cleveland, O., Sec'y and Treas. Twenty-third annual convention, June, 1905.

Congressional Seedsmen.

PUBLIC PAYS SALARIES AND SUPPLIES SEEDS.

If the current custom of indiscriminate distribution shall indefinitely continue, if this congressional comedy shall drift into a continuous performance, we shall ultimately be driven to the mournful admission that we are not statesmen, but seedsmen; and it will be in order for some distinguished seedsmen, some sainted hero of a score of memorable distributions, some legislative knight upon whose shield is blazoned a radish in its glory or a turnip in repose, to arise in his place with becoming gravity and move, Mr. Chairman, that the American eagle be taken from the mace and supplanted by a package of vegetable seed as the supreme emblem of the genius, the character, and the principal occupation of American statesmanship.—*Morris Sheppard, of Texas, in House of Representatives.*

DEEP snow in Delaware has delayed the moving of some of the small lots of holly available there.

WEST BRANCH, MICH.—Edward E. Evans has resigned as president and manager of the Evans Seed Company, Inc.

NEWPORT, R. I.—Henry C. Anthony, of Portsmouth, R. I., was a visitor this week, and reports seed conditions as fair; onion seed an average crop.

BEANS will sell again at the highest prices the growers can be made to think profitable for the crop. It does not seem to be a question of supply but how much the people will pay.

SARATOGA SPRINGS, N. Y.—Lewis Ostrander has resigned his position as bookkeeper at the Manufacturers' National Bank to accept a position with the J. B. Rice Seed Company at Cambridge.

NEW YORK.—W. E. Marshall and C. H. Penn have opened a store at 146 West Twenty-third street, under the firm style of W. E. Marshall & Company, where they will handle seeds, plants, bulbs and garden requisites.

ROGERS BROTHERS, of Chaumont, N. Y., have issued a beautiful colored plate from a sketch made by A. Lunger, of New York, of their new Golden Carmine bean. It is probably one of the finest vegetable photographs ever published in America.

ALL holly is scarce at Chicago at this writing, December 15, and fancy stock is hardly in sight, though some fair lots are being handled. These go to early booked orders, and new orders for fancy stock cannot be filled. Prices, \$5 or more for good, fair stock.

Boston.

All the stores report that the bulb season, which was practically ended last week, was a very busy one. Only a few Japan lilies and spiraea are still to be sold. Preparations are being made for the spring season.

Schlegel & Fottler Company are making extensive alterations in their store, which will be completed about the first of the year. With the addition of three floors to their already large floor space they expect to be able to more readily meet the demands of the trade. The street floor is to be filled up for the retail

trade and the second floor for the offices and wholesale trade, while the basement is fitted with a cold storage plant to be used for the storing of bulbs during the winter and spring.

R. & J. Farquhar & Company will send their new lily to Porto Rico, where they will raise a stock of them for the market. J. F. M. Farquhar, who goes to take charge of this work, sails from Boston December 15, and expects to be gone until the early spring.

S. W. Smith, of Thomas W. Emerson Company, is all smiles and passes out cigars without any hesitation whatever. An eight-pound boy, born Monday, December 5, explains this.

Henry Anthony, of Portsmouth, R. I., was in town last week and reports that he has booked many orders for carrot and onion seed for January delivery.

W. W. Rawson & Company have booked many orders for Christmas greens and are looking forward to a busy season in this line.

Truck Growers Meet.

The annual meeting of the Southern Truck Growers' League was held in Newton, Miss., November 25 and 26. The election of officers resulted as follows: President, J. M. Lindsey, Laurel, Miss.; vice president, C. W. Bailey, Quitman, Miss.; secretary and treasurer, T. E. Waldrup, Laurel, Miss.; board of directors: E. B. Ferris, J. A. Hearn, R. E. Rawles, N. R. Hosey and T. M. Scanlan.

St. Joseph, Mo.

Local florists have on display a part of their Christmas stock. Roses, carnations, Easter lilies, azaleas, ferns and palms are displayed in abundance. Tea roses sell at \$2, \$2.50 and \$3 per dozen. American Beauty will range in price from \$3 to \$15. Fancy carnations will sell at \$1.50 and \$2 per dozen. Merry Christmas chrysanthemums sell at \$3 to \$5 per dozen. California single violets at \$2 and 12.50 per 100 are always in big demand and the supply usually is exhausted by advanced orders. A variety of seasonable plants will be on sale during Christmas week. Chimes made of colored paper are a popular novelty. A set consists of four bells of different sizes.

Kalamazoo, Mich.

James H. Williams, of New York, has assumed the management of the Dunkley Floral Company. He comes from a long line of commercial florists in London, England, his experience being gained with the largest commercial growers and retail stores in the West End of London. His grandfather and father have extensive nurseries of their own.

LATE PICKED

Bouquet Green

ALL AVAILABLE

Also Evergreen Wreathing

ALL GRADES.

Write or Wire for latest quotations.

E. F. WINTERSON CO.,
45-47-49 Wabash Ave.,
CHICAGO.

Please mention the American Florist when writing

HOLLY

Especially well-berried.

\$2.50 per crate, 2x2x4.

Lowest Express Rates from any Point. Cash or C. O. D.

G. R. Currey
Birmingham, Ala.

MISTLETOE

TO THE TRADE

\$9.00 per 100 for quick orders.

THE WALKER SEED CO.
Oklahoma City, Okla.

MISTLETOE

Finest and choicest to be had, every bunch well-berried and handled to protect berry. Packed in light patent cases and reaches consumer without breakage.

A. B. Silliman & Co.
BOONE, IOWA.

THE HARDY ANNUAL OF THE CENTURY

Nicotiana Sanderae

Silver Medal Massachusetts Horticultural Society 1904; Gold Medals and First-class Certificates awarded at principal European Exhibitions.

Thousands of glowing carmine blossoms produced on a single bush. Seeds in original packets from seedsmen throughout the United States.

SANDER & SONS, St. Albans, England.

WHOLESALE AGENTS FOR THE UNITED STATES:

HENRY A. DREER, Chestnut St., Philadelphia, Pa.
J. M. THORBURN, Cortlandt St., New York.
VAUGHAN'S SEED STORE, Chicago and New York.

WESTERN SEED COMPANY,

Largest Wholesale and Retail Growers of Field Seed Corn in the U. S. We do a general retail mail order business in all kinds of Field, Garden and Flower Seeds. We are always in the market to buy or to sell all kinds of seeds in large or small quantities. If interested, ask for our FREE ANNUAL SEED CATALOG.

WESTERN SEED CO., Shenandoah, Iowa.

HOLLY

BEST IN THE MARKET,

\$5.00 and \$6.00 per case.

Wild Smilax

\$4.00 and \$7.00 per case.

Box Green

\$18.00 per 100 pounds.

HENRY M. ROBINSON & CO.
 Nos. 8 and 11 Province Street, BOSTON.

HARDY Ferns,

Fancy, \$1.50 per 1000.
 Dagger, \$1.00 per 1000.

Galax, BRONZE, and GREEN,
 \$1.00 per 1000.

LAUREL

Wreaths, \$2.00 per dozen and upwards.
 Festooning, 5 and 6 cents per yard.

Headquarters for CHRISTMAS GREENS and FLORISTS' SUPPLIES

LONG DISTANCE TELEPHONE MAIN 2618.

Please mention the American Florist when writing.

BOUQUET GREEN

Good Stock. Prompt Shipment. Right Prices.

MISTLETOE. VERY CHOICE STOCK NOW READY.

per lb., 25c; 10 lbs., \$2.00; 25 lbs., \$4.50.

Evergreen Wreathing We carry three grades regularly in stock in large lots, and will make closest prices in 20-yard coils, per 100 yards, \$2.75 to \$4.50.

Our Special Holiday Circular Will Pay You.

VAUGHAN'S SEED STORE,

84-86 Randolph St., CHICAGO.

14 Barclay St., NEW YORK.

Greenhouses and Nurseries, Western Springs, Ill.

Please mention the American Florist when writing.



"THE DAY AFTER THANKSGIVING."

Flushing, L. I., N. Y., Nov. 25, 1904.

Mr. Benjamin Hammond, Fishkill-on-Hudson, N. Y.,

Dear Sir:—I have used your "Grape Dust" for the last six years in all my Rose Houses and find it is the very best preservative against Mildew, and it also checks Green-fly and other vermin.

Very truly yours,

A. L. THORNE.

HAMMOND'S GRAPE DUST IS SOLD BY SEEDSMEN.

"SOLUTION OF COPPER," "BORDEAUX MIXTURE, GENUINE,"
 SLUG SHOT, FOR SOW BUGS, ETC. * * * * *

Please mention the American Florist when writing.

The Nursery Trade

AMERICAN ASSOCIATION OF NURSERYMEN.

E. W. Kirkpatrick, McKinney, Tex., Pres.;
C. L. Watrous, Des Moines, Ia., Vice-Pres.;
George C. Seager, Rochester, N. Y., Sec'y.
Thirtieth annual convention, West Baden
Springs, Ind., June, 1905.

COLUMBIA, MO.—The Missouri College of Agriculture will offer an eight weeks' course in horticulture beginning the third of next January.

HUNTSVILLE, ALA.—The nurserymen of this county state that the fruit tree business this season has been the greatest in years. Markets in every corner of the world have been reached.

FAYETTEVILLE, TENN.—A new firm composed of H. L. Brown, F. M. Copeland and W. A. England is preparing to establish a nursery business at Flintville soon. Mr. England, a man of years' experience in this business, will be business manager.

PRINCETON, ILL.—At the Northern Illinois Horticultural Society convention last week the following officers were elected: H. T. Thompson, of Marengo, president; Guy A. Bryant, Princeton, vice-president; Jacob Friend, Nekoma, secretary.

SACRAMENTO, CAL.—The next meeting of the State Association of County Horticultural Commissioners will be held in San Jose in conjunction with the State Fruit Growers' Convention. Matters of importance to the fruit industry will come before the meeting.

BLOOMINGTON, ILL.—The forty-ninth annual convention of the Illinois State Horticultural Society opened December 14 with a large attendance. The first day's sessions were devoted to reports from Treasurer J. W. Stanton, of Richview, Secretary L. R. Bryant, of Princeton, the annual address of the president, H. A. Aldrich, of Neaga, and a talk by Treasurer Stanton on "Lessons in Horticulture at the World's Fair."

FARMING METHODS.—Modern farming methods vary so much and change so frequently from those of even a few years since that an up-to-date Farmers' Encyclopedia of Agriculture such as has been issued by the Orange Judd Company must be invaluable to every thoughtful tiller of the soil. The publication of this work of 600 pages is very opportune, and the compactness of the book and the wide scope covered should satisfy the most ardent advocate of diversified farming, whether he lives in the east, west, north or south.

Prize For Minnesota Plums.

The Minnesota Horticultural society brought a most successful annual convention to a close December 9. The programme had to do entirely with the orchard. In the report on the president's address special attention was given to his statement that the plum is capable of great improvement, and his recommendation that a prize of \$100 be offered for the production of a fine plum, larger and firmer than any existing varieties.

The recommendation was adopted and C. M. Loring offered to give the \$100 prize, but wished the standard set high enough to secure a plum of which the state might be proud. Details for the

competition were referred to the executive committee.

All the officers of the association except the vice-presidents were reelected without opposition. They are: Clarence Wedge, president; A. B. Lyman, treasurer; A. W. Latham, secretary; J. P. Andrews and L. R. Moyer, members of the executive committee. The following vice-presidents were elected: P. Parkhill, of Chatfield; Fred. Mohl, of Adrian; J. F. Benjamin, of Hutchinson; W. J. Tingley, of Stillwater; J. O. Wild, of Mount; W. H. Eddy, of Howard Lake; G. A. Anderson, of Renville; F. B. McLeren, of Wrenshall and L. Johannessohn, of Beltrami.

Anaheim, Cal.

Tim Carroll's Evergreen Nurseries never presented a more pleasing appearance than at the present time, when acres upon acres of palms and other ornamental trees greet the eye, all in advanced stage of cultivation. Mr. Carroll's nurseries are the largest on the coast, and he has this week shipped a number of carloads of trees to Los Angeles, Pasadena, Ocean Park and other points.

Harlan, Ia.

Missouri Valley has been selected as the next meeting place of the Southwestern Iowa Horticultural Society. Officers for the ensuing year were reelected as follows: President, C. H. Deur, Missouri Valley; vice-president, F. P. Spencer, Randolph; secretary, W. M. Bomberger, Harlan; treasurer, J. P. Jackson, Glenwood; directors, D. B. McCalla, Clarinda; A. F. Collman, Corning; J. H. M. Edwards, Logan; James McGinnis, Griswold; S. W. Wilson, Waukeo.

Louisville.

The last week has been an exceptionally good one. Decorations, although small, were numerous, causing a large demand for good stock. Although there are not many chrysanthemums on the market at present, the prospects are good for a fair cut for Christmas, especially on pink and white. The quality will be good. Roses of good quality are to be had in satisfactory quantities, and the demand is good. Carnations in the local market are better than is usually the case, and the quantity is considerably short, the demand being good. Violets from the north are being received in satisfactory quantities. The quality is good and the demand brisk. Some cheaper ones are also being received from the south, which sell from about 10 to 15 cents per bunch. Some choice mignonettes, home grown, are to be seen. The supply is short, but the demand is heavy. Some fine lily of the valley is handled, but the demand is not as yet

very good. Sweet peas and bouvardias are to be seen, but are not heavily demanded, although the quality is reasonably good.

Charles W. Reimers, the "poinsettia specialist," has just returned from a good stay in Chicago, where he has been taking orders for poinsettias, which should and have been a very easy matter to sell. He has from about six to eight thousand of them, and a prettier sight would be hard to find. Especially true is this of one house, all of them running from about seven to ten feet in height. The other stock also is looking very good, and Mr. Koenig, the foreman, can well afford to feel proud of his excellent showing.

William Walker's place is in excellent condition just at present. His carnations are exceptionally good, especially Flora Hill and Mrs. Lawson. A bed of violets is also fine.

Visitor: Mr. Meyer, of John C. Meyer & Co., Boston, Mass. F. L. S.

Lenox, Mass.

The Lenox Horticultural Society held its annual meeting at the society's room on December 3. The following officers were elected: R. A. Schmid, president; William Woods, vice president; Edwin Jenkins, treasurer; George Foulsham, secretary; Chas. O. Duncan, assistant secretary.

Pueblo, Col.

S. R. Lundy, formerly manager of G. Fleischer's store, has gone into partnership with J. M. Johnson, of Boulder, Col., and opened up a new store at 306 North Main street under the name of The Johnson-Lundy Floral Company. Miss Fannie Hudson, of the store, has sold her business to G. Fleischer and is now in his employ.

Business has been quiet but we expect a good holiday trade.

Greenhouse Building.

Bridgewater, Mass.—L. C. Stearns, one house.

North Leominster, Mass.—Henry Tyler, addition.

Lehigh, N. Y.—Harmon & Burr, addition.

Normal, Ill.—James W. Adams, two houses, each 18x100 feet.

Little Rock, Ark.—Joseph Vestal & Son, three houses, each 20x200 feet.

SPRINGFIELD, MASS.—Mark Aitken will move into quarters in Fallon's block three times the size of his present store. To his stock of flowers he will add birds and fancy fishes.

Roses! Roses!

A. ROBICHON FILS, OLIVET, ORLEANS, FRANCE.

Over Half a Million Dwarfs (Grafted on Briar Stock; NOVELTIES).
50,000 Dwarf-Budded, Standards, Etc.

Also Fruit Tree Stock, Rose Stocks, Manetti, Grifferaie, Etc.

Orders rapidly executed, and in rotation. 1904-5 Catalogue to be had Free on application to my Agent,

JOHN SCHEEPERS, 734 The Bourse, Philadelphia, Pa.

Dreer's Special Offer

OF DECORATIVE PLANTS FOR THE HOLIDAYS.

Our stock of Decorative Plants suitable for the holiday trade is in fine condition, clean, vigorous, healthy stock of good color which will sell at sight.

PALMS.

Areca Lutescens.

| Pots. | Plants in pot. | In. high. | Doz. | 100 | 1000 |
|--------|----------------|-----------|--------------|--------|---------|
| 2-in. | 1 | 6 to 8 | \$.75 | \$6.00 | \$50.00 |
| 3-in. | 2 | 12 to 15 | 1.00 | 8.00 | 75.00 |
| 4-in. | 2 to 3 | 15 to 18 | 3.00 | 20.00 | 190.00 |
| 5-in. | 3 | 18 to 20 | 5.00 | 40.00 | 350.00 |
| 6-in. | 3 | 24 to 28 | 9.00 | 75.00 | |
| 10-in. | very bushy | 48 to 54 | \$4.00 each. | | |

Calamus Intermedius.

A tropical species with finely feathered, dark green foliage. 6-in. pots, 24 ins. high, \$1.50 each.

Cocos Weddelliana.

| Pots. | Ins. high. | Per doz. | Per 100 |
|-------|------------|----------|---------|
| 3-in. | 6 to 8 | \$1.25 | \$10.00 |
| 3-in. | 10 to 12 | 2.00 | 15.00 |
| 4-in. | 15 to 18 | 4.00 | 30.00 |

Specimen plants in 5-in. pots about 18 inches high, 75c each.

Kentia Forsteriana.

| Pots. | Leaves | In. high. | Doz. | 100 | 1000 |
|-----------|--------|-----------|--------|---------|---------|
| 2 1/2-in. | 4 | 8 to 10 | \$1.25 | \$10.00 | \$90.00 |
| 3-in. | 5 | 12 to 15 | 2.00 | 15.00 | 140.00 |
| 4-in. | 5 to 6 | 15 | 4.00 | 30.00 | |
| 5-in. | 5 to 6 | 18 | 6.00 | 50.00 | |

| 6-in. | 6 | 28 to 30 | Each | \$1.00 |
|-------------|--------|-----------------|-------|--------|
| 6-in. | 6 | 30 to 32 | 1.25 | |
| 6-in. | 6 | 32 to 36 | 1.50 | |
| 8-in. | 6 to 7 | 4 1/2 feet | 5.00 | |
| 9-in. | 6 to 7 | 5 to 5 1/2 feet | 6.00 | |
| 10-in. | 6 to 7 | 5 1/2 to 6 feet | 7.50 | |
| 10-in. | 6 to 7 | 6 feet | 10.00 | |
| 12-in. tubs | 6 to 7 | 6 1/2 feet | 12.50 | |
| 12-in. tubs | 6 to 7 | 7 to 8 feet | 25.00 | |

Made-Up Kentia Forsteriana.

The made-up plants are all of exceptional good value, and will be found especially useful for decorative work in the sizes above 5-inch pots.

| Pots. | Plts in pot. | Height. | Per doz. | Per 100 |
|-------|--------------|----------|----------|---------|
| 3-in. | 3 | 10 to 12 | \$2.00 | \$15.00 |
| 4-in. | 3 | 15 to 18 | 4.50 | 35.00 |
| 5-in. | 3 to 4 | 18 | 7.50 | 60.00 |

| Tubs. | Plts in tub. | Feet. | Each |
|--------|--------------|------------|--------|
| 8-in. | 3 | 4 to 4 1/2 | \$5.00 |
| 9-in. | 3 | 5 to 5 1/2 | 6.50 |
| 9-in. | 3 | 5 1/2 to 6 | 7.50 |
| 10-in. | 3 | 6 1/2 to 7 | 12.50 |
| 12-in. | 3 to 4 | 6 1/2 to 7 | 15.00 |
| 12-in. | 3 to 4 | 7 to 8 | 20.00 |

Kentia Belmoreana.

| Pots. | Leaves. | In. high. | Doz. | 100 | 1000 |
|-----------|---------|-----------|--------------|---------|---------|
| 2 1/2-in. | 4 | 8 to 10 | \$1.25 | \$10.00 | \$90.00 |
| 3-in. | 5 | 12 to 15 | 2.00 | 15.00 | 140.00 |
| 4-in. | 5 to 6 | 15 to 18 | 4.50 | 35.00 | 325.00 |
| 5-in. | 5 to 6 | 20 to 22 | 9.00 | 75.00 | |
| 6-in. | 6 | 28 to 30 | Each, \$1.25 | | |
| 6-in. | 6 to 7 | 30 to 36 | Each, 1.50 | | |

Made-Up Kentia Belmoreana.

We have about two hundred plants in 12-inch pots, 3 to 4 plants in a pot, very bushy, shapely plants, from 4 1/2 to 5 feet high, not perfect in some of the foliage, at the same time not badly damaged. We are selling these at \$10.00 each, at which price they are one of the best bargains we have ever offered in decorative stock.

Kentia Sanderiana.

| Pots. | Leaves. | In. high. | Doz. | 100 | 1000 |
|-----------|---------|-----------|--------------|---------|---------|
| 2 1/2-in. | 4 | 8 to 10 | \$1.25 | \$10.00 | \$90.00 |
| 3-in. | 5 | 12 to 15 | 2.00 | 15.00 | 140.00 |
| 4-in. | 5 to 6 | 15 to 18 | 4.50 | 35.00 | 325.00 |
| 5-in. | 5 to 6 | 20 to 22 | 9.00 | 75.00 | |
| 6-in. | 6 | 28 to 30 | Each, \$1.25 | | |
| 6-in. | 6 to 7 | 30 to 36 | Each, 1.50 | | |

Latania Borbonica.

A large stock and best values we have ever given in this palm.

| Pots. | Leaves. | In. high. | Doz. | 100 |
|-------|---------|----------------------|-------------|--------|
| 3-in. | 5 to 6 | 12 to 15 | \$1.00 | \$8.00 |
| 4-in. | 5 to 6 | 15 | 2.50 | 20.00 |
| 6-in. | 5 to 6 | 18 to 20 | 6.10 | 50.00 |
| 7-in. | 6 to 7 | 20 to 24 | 9.00 | 70.00 |
| 8-in. | 7 to 8 | 20 to 24 fine plants | \$1.00 each | |
| 8-in. | 8 to 9 | 24 to 28 | 2.00 each | |

Phœnix Canariensis.

Good decorative plants in tubs 3 1/2 to 4 feet high, \$6.00 each; 4 to 4 1/2 feet high, \$7.50 each.

Phœnix Rupicola.

A fine lot of specimens in 6-inch pots, about 2 feet high at \$1.50 each.

Rhapis Flabelliformis.

7-inch pots, 36 inches high, with one or two small side shoots, \$2.00 each.

Miscellaneous Decorative Plants.

Aspidistra Lurida.

Strong plants of the green leaved variety, 5-inch pots, 8 to 10 leaves, 50c each; \$5.00 per dozen; \$40.00 per 100.

Aucuba Japonica.

Exceptional values in this hardy decorative plant.

| Very bushy plants, | 12 to 15 ins. high. | Each | Doz. |
|--------------------|---------------------|--------|--------|
| " | " | \$.30 | \$3.00 |
| " | 18 to 20 | .40 | 4.50 |
| " | 24 | .60 | 7.00 |
| " | 3 feet | 3.00 | |

Box Trees—Standard or Tree Shaped.

Stems 15 inches high, crowns 18 inches in diameter, \$1.25 each.
Stems 26 inches high, crowns 18 inches in diameter, \$2.00 each.

Box Trees—Pyramid Shaped.

Shapely plants, 3 feet high, 18 inches in diameter, \$2.00 each.
Shapely plants, 4 feet high, 24 inches in diameter, \$3.50 each.

Bay Trees—Laurus Nobilis.

Standard or Tree Shaped.—All with stems 42 to 45 inches high.

| Crowns | 24 to 26 inches in diameter | Each | \$ 6.00 |
|--------|-----------------------------|------|---------|
| Crowns | 26 to 28 | " | 7.50 |
| Crowns | 30 to 32 | " | 10.00 |
| Crowns | 38 to 40 | " | 15.00 |

Dwarf Standard Bay Trees.

Very attractive, stems from 1 1/2 to 2 feet high with bushy crowns 24 to 26 inches in diameter, \$7.50 each.

Imperial Standard Bays.

An entirely new form; these are really pyramids grown on a stem like an ordinary standard, the stems are about 42 inches high, the pyramidal crown is 4 feet high and from 34 to 36 inches in diameter at base, \$15.00 each.

Pyramidal Shaped Bays.

| 4 1/2 feet high, | 24 ins. in diam. at base, | Each | \$ 6.00 |
|------------------|---------------------------|------|---------|
| 5 | 26 to 28 | " | 7.50 |
| 6 | 30 to 32 | " | 10.00 |
| 6 to 7 | 36 | " | 15.00 |

Adiantum Farleyense.

5-inch pots, nicely furnished, \$9.00 per dozen

Cibotium Schiedei.

Good plants in 7-inch pots, \$2.00 each

Boston Ferns.

Elegant plants in 8-inch pots, \$1.00 each
Elegant plants in 12-inch pots, 2.00 each

Scottii—New Boston Fern.

Fine plants in 6-inch pots, \$1.25 each

Pandanus Veitchi.

Nicely colored plants in 6-inch pots, \$1.00 each

Pandanus Sanderi.

Splendid specimens in 9-inch pots, \$3.50 each
Splendid specimens in 10-inch pots, \$5.00 each

Araucaria Excelsa Glauca.

6-inch pots, 16 to 18 ins. high, 3 tiers, \$1.50 each
8-inch pots, 22 to 24 ins. high, 4 to 5 tiers, 2.00 each

Plants for Forcing.

Azaleas for Easter.

On account of Easter this year coming so very late (April 23rd) a season of the year when our regular spring shipments demand our full attention, we have decided not to carry a supply of Azaleas until then, but to close out our entire stock as quickly as possible; therefore, customers who usually procure their supplies late in the spring will do well to cover their needs at once. The principal sorts now in stock are Mme. Van der Cruysen and Bernhardt Andreas Alba, the two best late flowering sorts of their color; these two varieties can be furnished in any proportion desired, but the selection of other varieties must be left to us. We will still supply early orders at import prices.

| Per doz. | Per 100 |
|----------------------|----------------|
| 12 to 14 inch crowns | \$6.00 \$45.00 |
| 14 to 16 inch crowns | 7.00 55.00 |
| 16 to 18 inch crowns | 12.00 100.00 |

Azalea Mollis.

For early and late forcing Azalea Mollis is rapidly gaining favor, easily forced at a minimum cost for heat and labor. They are profitable stock for the retailer to handle. We are supplying at present an unusually fine grade of plants, 15 to 18 inches high and covered with flower buds, \$4.50 per dozen; \$35.00 per 100.

Deutzias for Forcing.

Strong two-year-old field-grown plants suitable for 6-inch pots.

| Per doz. | Per 100 |
|-------------------|---------------|
| Gracilis | \$.75 \$6.00 |
| Gracilis Rosea | 1.00 8.00 |
| Gracilis Lemoinei | 1.00 8.00 |

Forcing Lilacs.

A fine lot of pot-grown plants, well set with buds and in prime condition for forcing, \$6.00 per dozen; \$45.00 per 100.

Rhododendrons for Forcing.

These are being used more extensively every season, and this year with Easter at such a very late date should prove especially acceptable, as they can be retarded much easier than Azaleas and at the same time may be flowered at just the right moment at a minimum cost. We are carrying an extra large stock of bushy, well shaped plants 16 to 18 inches high, covered with buds, \$9.00 per dozen; \$70.00 per 100. Larger plants 20 to 24 inches high, fine specimens, \$11.00 per 100; \$90.00 per 100.

HENRY A. DREER, Philadelphia, Pa.

Our Pastimes

Announcements of coming contests or other events of interest to our bowling, shooting and sporting readers are solicited and will be given place in this column.

Address all correspondence for this department to J. H. Pepper, 42 West 28th St., New York; Robt. Kift, 1725 Chestnut St., Philadelphia; or to the American Florist Co., Chicago.

BOSTON, MASS.—The regular match game of the Seed Trade bowling league to be rolled December 12 between Schlegel & Fottler Company and W. W. Rawson & Company has been postponed, owing to the sickness of some of the members.

At New York.

At the meeting of the New York Florists' Bowling Club on Monday several good games were rolled. A match with the Madison, N. J., florists was scheduled for Tuesday evening on the Madison alleys. The following were Monday's scores:

| Player | 1st | 2d | 3d | 4th | 5th | 6th |
|----------------|-----|-----|-----|-----|-----|-----|
| Alex. S. Burns | 167 | 199 | 156 | 159 | 134 | 111 |
| J. A. Manda | 185 | 167 | 164 | 147 | 123 | |
| A. J. Guttman | 148 | 134 | 211 | 112 | 178 | 172 |
| Holt | 101 | 106 | 123 | 134 | 157 | |
| Kessler | 138 | 146 | 161 | | | |
| Fenrich | 114 | 138 | 139 | | | |
| Shaw | 127 | 190 | | | | |
| Lang | 168 | 135 | 154 | | | |

At Madison the New York bowlers were beaten.

At Chicago.

The last games before the holidays were rolled at Thompson's alleys Tuesday evening of this week with the following results. The ladies added much to the pleasure of the meeting:

| LAMBRIS. | | | | | | |
|-----------------|-----|-----|-----|--|--|--|
| PLAYER. | 1st | 2d | 3d | | | |
| Lambros | 148 | 160 | 139 | | | |
| Huehner | 109 | 159 | 143 | | | |
| Benekus | 124 | 133 | 156 | | | |
| Harrington | 176 | 199 | 181 | | | |
| Venson | 153 | 149 | 159 | | | |
| Total | 710 | 798 | 778 | | | |
| ASMUS. | | | | | | |
| PLAYER | 1st | 2d | 3d | | | |
| Bergman | 146 | 135 | 149 | | | |
| Buxton | 140 | 158 | 111 | | | |
| Beaman | 143 | 169 | 177 | | | |
| F. Stollery | 151 | 183 | 160 | | | |
| Asmus | 126 | 169 | 152 | | | |
| Total | 706 | 814 | 779 | | | |
| WINTERSON. | | | | | | |
| PLAYER. | 1st | 2d | 3d | | | |
| Scott | 170 | 123 | 154 | | | |
| Pruner | 133 | 161 | 115 | | | |
| Winterston | 141 | 169 | 154 | | | |
| Church | 73 | 93 | 119 | | | |
| Total | 507 | 554 | 542 | | | |
| HAUSWIRTH. | | | | | | |
| PLAYER | 1st | 2d | 3d | | | |
| Kreitling | 178 | 143 | 97 | | | |
| Pasternick | 182 | 151 | 140 | | | |
| Klunder | 128 | 131 | 119 | | | |
| Hauswirth | 140 | 190 | 149 | | | |
| Total | 622 | 615 | 505 | | | |
| LADIES. | | | | | | |
| Player | 1st | 2d | 3d | | | |
| Mrs. Kreitling | 106 | 137 | 115 | | | |
| Mrs. Scott | 125 | 112 | 95 | | | |
| Mrs. Winterston | 95 | 64 | 78 | | | |
| Mrs. Lambros | 85 | 81 | 74 | | | |
| Mrs. Hauswirth | 101 | 117 | 77 | | | |

A Flowery Dinner in Paris.

Press dispatches this week told of a remarkable dinner party given by two winter visitors to the Breton watering place of Dinard—the Vicomte and Vicomtesse de Saussine.

The dining room was transformed into a meadow of real green turf with daisies and other flowers growing on it. Here

the guests, attired in garments of flowing white and wearing garlands of roses, took their seats on high cushions. Camp stools, on which rested wooden dishes and paper napkins, served in lieu of tables.

In the center of the meadow was a rocky with a fountain continually playing, near which a live rabbit gambled. A huge loaf of bread suspended from the roof and hollowed out formed the salt cellar, while fruit and wine were scattered in profusion on the grass.

Syracuse, N. Y.

A decided novelty for the season was the bunch of white pansies carried by the bride at the wedding of Miss Jessie Brummelkamp and A. Howlett Durston. The pansies were ordered by Miss Brummelkamp from Henry Morris last spring as soon as the date for the wedding was fixed. Knowing he could not buy them in the market Mr. Morris grew them and had them ready at the proper time. He feared he would not have enough at the last minute and telephoned to New York and Boston to see if more could be procured. None were to be had in either city. His own came on, however, so that no more were needed. Mr. Morris has a novel Christmas window, of bay trees from which hang red Christmas bells. The other florists will have special holiday windows arranged in a few days.

Trade is rather dull, the lull before Christmas. For a week the weather has been cold and trade has fallen off on that account. It is expected holiday trade will be good. There are several weddings to take place.

The trade is at a loss to know what to do about the price of Christmas bells. This year paper bells have taken the place of the sawdust bells of former years. They can be folded up after Christmas and put away for use another year. The department stores have got in a lot of inferior paper bells which they are offering at reduced prices. The florists are debating whether they ought to sell theirs at cost to keep up the prices, making no attempt to compete with department stores. A. J. B.

Lincoln, Neb.

Trade has been good this fall up to and including Thanksgiving, but since it has been rather quiet with rather too much stock, especially roses. Chateau, however, sells well. The prospects are good for the holiday season and from present indications there will be an abundance of stock, roses and carnations looking fine, a mass of buds; in plants some fine poinsettias, azaleas, cyclamens, Lorraine begonias, etc., are just about right. There was a great deal more stock grown around Lincoln this season than ever before, as much glass has been added the past summer which is devoted mostly to carnations and roses.

C. H. F.

NORTH LEOMINSTER, MASS.—Henry Tyler is building an addition to his greenhouses.

HACKENSACK, N. J.—Kuhnert & Son have opened a retail store in the new Matthey building. Souvenirs were given away at the opening.

WHITMAN, MASS.—Ground has been broken for another large greenhouse for Moir, on Floral avenue. This will be the fifth house of the plant.

Meetings of Florists' Clubs.

BALTIMORE, MD.—Gardeners' Club of Baltimore, Royal Arcanum building, 18 W. Saratoga street. Second and fourth Monday of each month, at 8 p. m. John J. Perry, Sec'y, 505 N. Eutaw street.

BOSTON, MASS.—Gardeners' and Florists' Club of Boston, Horticultural Hall. Meets third Tuesday of each month, October to March inclusive. W. E. Fischer, Sec'y, 18 Union Terrace, Jamaica Plain, Mass.

BUFFALO, N. Y.—Buffalo Florists' Club, 333 Ellicott street. Second Tuesday of each month, at 8 p. m. Wm. Legg, Sec'y, 1440 Delaware avenue, Buffalo.

BUTTE, MONT.—Montana Florists' Club, Columbia Gardens. Second Friday in each month. S. Hansen, Sec'y, W. Galena and Excelsior streets. **CHICAGO, ILL.**—Chicago Florists' Club, Handel Hall, 40 Randolph street. Second and fourth Thursday of each month, at 8 p. m. George Wienhoeber, Sec'y, 413 Elm street, Chicago.

CINCINNATI, O.—Cincinnati Florists' Society, Jabez Elliott Flower Market. Second Saturday of each month, at 8 p. m. Geo. Murphy, Sec'y, Sta. P., Cincinnati, O.

CLEVELAND, O.—Cleveland Florists' Club, Progress Hall, 244 Detroit street. Second and fourth Monday of each month, at 8 p. m. Isaac Kennedy, Sec'y, Westpark, O.

DAVENPORT, IA.—Tri-City Florists' Club, meets in Davenport, Rock Island and Moline, alternately, second Thursday of each month. H. Meyer, Rock Island, Ill., Sec'y.

DENVER, COLO.—Denver Floral Club, 323 Charles Block. Second and fourth Friday of each month, at 8 p. m. Adam Balmer, Sec'y.

DETROIT, MICH.—Detroit Florists' Club, Cowie Building, Farran and Gratiot avenue. First and third Wednesday of each month at 8 p. m. J. F. Sullivan, Sec'y, 214 Woodward avenue.

GRAND RAPIDS, MICH.—Grand Rapids Florists' Club, Board of Trade rooms, Pearl street. Fourth Monday of each month. N. B. Stover, Sec'y, Grandville, Mich.

HAMILTON, ONT.—Hamilton Gardeners' and Florists' Club, offices of members. First and third Tuesday of each month at 8 p. m. Chas. M. Webster, Sec'y.

HARTFORD, CONN.—Hartford Florists' Club. Second and fourth Friday of each month at 8 p. m. W. W. Hunt, 80 Ann street, Hartford.

INDIANAPOLIS, IND.—State Florists' Association of Indiana, Commercial Club rooms, Indianapolis. First Tuesday of each month, at 7:30 p. m. Fred. Hukriede, Indianapolis.

MADISON, N. J.—Morris County Gardeners' and Florists' Society, Masonic Hall. Second Wednesday of each month at 7:30 p. m. in winter. S. Redstone, Sec'y.

MILWAUKEE, WIS.—Milwaukee Florists' Club. Meets first Tuesday of each month in Empire Building, West Water and Grand ave. H. V. Hunkel, Sec'y, 463 Milwaukee street.

MINNEAPOLIS, MINN.—Minneapolis Florists, Latham's Conservatory, 83 S. Tenth Street. First Friday of each month, at 8 p. m. R. A. Latham, Sec'y.

MONTREAL, QUE.—Montreal Gardeners' and Florists' Club, Alexandria rooms, 2204 St. Catherine street. First and third Monday of each month. W. H. Horobin, Sec'y, 23 Closse street.

NEW BEDFORD, MASS.—New Bedford Florists' club, second Thursday of each month. Wm. P. Pierce, Sec'y.

NEW LONDON, CONN.—Gardeners' and Florists' Club, first and third Tuesday of each month at greenhouses of secretary. H. H. Appeldorn, Sec'y.

NEW YORK, N. Y.—New York Florists' Club, Grand Opera House Bldg., 8th avenue and 23d St. Second Monday of each month, at 7:30 p. m. John Young, Sec'y, 51 West Twenty-eighth street, New York.

OMAHA, NEB.—Nebraska Florists' Society, City Hall. Second Thursday in each month at 8 p. m. Louis Henderson, Sec'y, 1519 Farnam street, Omaha.

PHILADELPHIA, PA.—Florists' Club of Philadelphia, Horticultural Hall, Broad street above Spruce. First Tuesday of each month, at 8 p. m. Edwin Lonsdale, Sec'y, Wyndmoor, Philadelphia.

PITTSBURG, PA.—Pittsburg and Allegheny Florists' and Gardeners' Club, 423 Sixth Avenue. Second Thursday of each month, at 8 p. m. D. P. Joslin, Sec'y, Ben Avon, Pa.

PROVIDENCE, R. I.—Florists' and Gardeners' Club of Rhode Island, 98 Westminster street. Providence. Second Thursday of each month, at 8 p. m. Wm. E. Chappell, Sec'y, 333 Branch avenue, Providence.

RICHMOND, IND.—Richmond Florists' Club, at the greenhouses of members. Third Monday of each month. H. C. Chessman, Sec'y.

SALT LAKE CITY, UTAH.—Salt Lake Florists' Society, office of Huddart Floral Company, 214 E. Second South street. Second and fourth Friday of each month. P. T. Huddart, Sec'y.

SAN FRANCISCO, CAL.—Pacific Coast Horticultural Society. First Saturday and third Monday of each month. Thos. H. Munroe, Sec'y.

ST. LOUIS, MO.—St. Louis Florists' Club, Odd Fellows Hall No. 2, Ninth and Olive streets. Second Thursday of each month, at 2 p. m. Emil Schray, Sec'y, 4101 Pennsylvania avenue, St. Louis.

WASHINGTON, D. C.—Washington Florists' Club, Schmidt's hall, 516 Ninth street, N. W. Meets first Tuesday in each month. Peter Blaet, Sec'y.

THE NEW RED ROSE RICHMOND.

Every Florist in the Country Will Need Some of This Great Forcing Variety.

It is bright pure scarlet. Has long buds. On long straight stems. It is so near pure tea that it never goes dormant in winter. It is easy to propagate. Easy to grow. Likes a soil and temperature similar to those given to Bride and Maid. Is quite as free in bloom as Bride and Maid. Was awarded the Silver cup for best new seedling rose at the World's Fair and Special Silver Cup at the Chicago Show for same. **PRICES: \$30.00 per 100; \$70.00 per 250; \$250.00 per 1000.** (500 at 1000 rate.) April 1st Delivery.

□ ROSALIND ORR ENGLISH.

Received Certificate at Chicago Show. An exquisite pink rose, the brightest tint possible. Has long full buds, on long stiff stems. Very free in bloom and of the easiest management. Easy to propagate. Has beautiful foliage and is very effective when full blown. **\$25.00 per 100; \$200.00 per 1000.**

Come to Richmond and See These Two Grand New Roses.

Carnations

CARDINAL. A red variety that will delight every grower. It has COLOR, TEXTURE, CONSTITUTION, HABIT, FREEDOM—All of the very best. Come and see it growing. Also **FIANCEE** and **FRED. BURKE**. All at \$12.00 per 100; \$100.00 per 1000

Chrysanthemums.

A MAGNIFICENT COLLECTION OF NOVELTIES. WE HAVE NINE CERTIFICATES. AWARDS BY THE C. S. A.

Our own seedling, commercial white DR. GALLOWAY.

The early white, C. TOUSET, (October 8.)

The late white, JEANNIE NONIN, (November 18). Winner of the Silver Cup and Sweepstakes at Chicago.

The Two Commercial Yellows: REVEIL de BELGES, (October 15) and ROI d'ITALIE, (October 22) and

The 4 Grand Exhibition Sorts: Mlle. ANNA DEBONO,

SOUV. de CALVAT PERE, MME. EMILE LEMOINE; PREFET BONCOURT.

All at \$35.00 per 100; \$5.00 per dozen; 50c each. Also the.

CALVAT SET. THE AUSTRALIANS and WELLS-POCKETT for 1905. THE MARQUIS OF PINS SET.

Besides BRUANT'S, ROZAIN'S and NONIN'S BEST. All at the same price as above except MRS. WM. DUCKHAM, which is held at 75c each; \$7.50 per dozen; \$50.00 per 100.

WRITE FOR NEW LIST.

The E. G. HILL CO., Richmond, Ind.

We are equipped to give the best service the market affords on all

Christmas Orders

We shall have best quality in all lines and large supplies. Give us your order and it will be executed to the best possible advantage. Good stock will be everywhere in great demand but you can rest assured that late telegrams sent to us will bring the stock if it is to be had in this market. No house is better equipped.

CHRISTMAS PRICES

SUBJECT TO CHANGE WITHOUT NOTICE.

| BEAUTIES. | | CHATENAY. | | MISCELLANEOUS STOCK. | |
|----------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------------|--------------------------------|
| Stems 36 inches..... | per doz., \$12.00 | Select..... | per 100, \$15.00 to \$20.00 | Romans..... | per 100, 3.00 to 4.00 |
| " 30 "..... | " 10.00 | Seconds..... | " 8.00 to 12.00 | Paper Whites..... | " 3.00 to 4.00 |
| " 24 "..... | " 9.00 | GOLDEN GATES. | | Bouvardia..... | " 2.00 to 6.00 |
| " 20 "..... | " 8.00 | Select..... | per 100, \$12.00 to \$15.00 | DECORATIVE. | |
| " 15 "..... | " 6.00 | Seconds..... | " 8.00 | Asparagus Plumosus, per string..... | 25c to 50c |
| " 12 "..... | " 4.00 | CARNATIONS. | | Sprengeri..... | per 100, \$3.00 to \$6.00 |
| " 8 "..... | per doz. \$1.50 to \$2.00 | Select..... | per 100, \$4.00 to \$5.00 | Adiantum..... | " 1.00 to 1.50 |
| BRIDESMAIDS. | | Large and Fancies..... | " 6.00 to 10.00 | Smilax..... | per doz., 1.50 |
| Select..... | per 100, \$12.00 to \$15.00 | MISCELLANEOUS STOCK. | | Ferns..... | per 1000, \$2.00; per 100, 25c |
| Seconds..... | " 8.00 | Poinsettias..... | per doz., \$3.00 to \$5.00 | Leucothoe Sprays..... | " 75c |
| BRIDES. | | Violets..... | per 100, 2.00 to 3.00 | Galax, green..... | per 1000, \$1.00 |
| Select..... | per 100, \$12.00 to \$15.00 | Valley, select..... | " 4.00 | Galax, bronze..... | " 1.50 |
| Seconds..... | " 8.00 | Callas..... | per doz., 2.00 | Wild Smilax..... | 25 lb. cases, 3.00 |
| | | Stevia..... | per 100, 2.00 | " " | 35 lb. " 4.00 |
| | | | | " " | 50 lb. " 5.00 |

NOTE: "Special" Stock billed accordingly.

E. C. AMLING,

32-34-36 Randolph St.
CHICAGO, ILL.

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

Long Distance Telephones, 1978 and 1977 Central. 7846 Automatic.

B. & A. SPECIALTIES.

AZALEAS FOR EASTER BLOOMING.

Deutsche Perle (white) Prof. Wolters,
Simon Mardner (red) Ber. Andres Alba,
Vervaneosa (pink) Schryveriana, Niobe,
Van der Cruysen, Emperor of Brazil,
Empress of India, Chicago, and others.

| | Per doz. | Per 100 |
|----------------------------|----------|---------|
| 10-12 inches diameter..... | \$ 4.00 | \$35.00 |
| 12-14 inches diameter..... | 6.00 | 45.00 |
| 14-15 inches diameter..... | 7.50 | 60.00 |
| 15-16 inches diameter..... | 9.00 | 75.00 |
| 16-18 inches diameter..... | 12.00 | 90.00 |
| 18-20 inches diameter..... | 25.00 | 200.00 |
| 20-24 inches diameter..... | 36.00 | 300.00 |

ACACIA ARMATA OR PARADOXA.

| | Per doz. |
|---------------------------------|----------|
| Pot-grown and well huddled..... | \$10.00 |
| 18-24 inches..... | 12.50 |
| 2-3 feet, extra fine..... | 12.50 |

ROSES

H. P. varieties, 2 year old, low huddled, extra strong, \$12.00 per 100.
pink, \$12.00 per 100.
Dutch, French, Japanese and Chinese Bulbs.
ASK FOR SURPLUS LIST.
See catalogue for Palms, Bay Trees, Evergreens,
Shrubs, Ornamental Trees and other stock.

English Pot Grown Grape Vines.

A fine selection of varieties.
Ask for prices.

| | Per 100 |
|-------------------------|---------|
| Fine blooming size..... | \$4.50 |
| Selected size..... | 6.50 |
| Mammoth size..... | 8.50 |

SINGLE TUBEROUS ROOTED BECONIAS.

| | |
|----------------------------------|------|
| 5 colors separate, 1st size..... | 3.00 |
| 5 colors separate, 2d size..... | 2.00 |

POT-CROWN SHRUBS FOR FORCING.

The following are all handsome, bushy well grown plants, well huddled, and will prove a profitable investment to any one. Plants are all 2 1/4 to 3 1/4 feet.

| | |
|-----------------------------|--------|
| Acer Nagundo variegata..... | \$6.50 |
|-----------------------------|--------|

old, low huddled, extra strong, \$12.00 per 100.
RHODODENDRONS, \$6.00, \$9.00, \$12.00, \$15.00 per doz.

| | |
|-------------------------------------------------------------------------|------|
| Azalea Mollie, 12-15 inches..... | 4.50 |
| " 15-18 inches..... | 6.50 |
| Catalpa Paul..... | 9.00 |
| Cherries, double flowering..... | 7.50 |
| Cautzia Gracile..... | 2.00 |
| " Lemolne..... | 2.50 |
| Lilacs, Charles X. blue; Marie Legraye, white; Lemolne, dbl. white..... | 0.00 |
| Malos Floribunda..... | 9.00 |
| Staphylea Colchica..... | 6.00 |
| Viburnum Opulus..... | 6.00 |
| " Plicatum..... | 6.00 |
| Weigella, Eva Rathke..... | 7.50 |

STANDARDS.

| | |
|-------------------------|-------|
| Lilacs, in variety..... | 12.00 |
| Viburnum Opulus..... | 12.00 |
| Wistaria..... | 18.00 |

PAEONIAS.

| | Per doz. | 100 |
|-----------------------------------------------------------------------------|----------|--------|
| Officinalis rubra plena..... | \$1.00 | \$2.00 |
| " alba..... | 2.00 | 15.00 |
| " rosea..... | 1.50 | 12.00 |
| Chinensis, 50 in 50 varieties, \$15.00 per collections | | |
| White, red, pink; good named varieties in equal quantities, \$8.00 per 100. | | |
| Paeonia Arborea (Tree Peony) in variety, \$9.00 and \$12.00 per 12. | | |

Maman Cochet, strong 2 year old, white and

Bobbink & Atkins,

NURSEYMEN
AND FLORISTS
RUTHERFORD, NEW JERSEY.



Send to THE MOON Company

For Trees, Shrubs, Vines
Your and Small Fruits.
Descriptive Illustrated Catalogue Free
THE WM. H. MOON CO.
Morrisville, Pa.

Peonies....

A very select assortment; more than 150 choice varieties, containing the best standard kinds.
HARDY ORNAMENTAL NURSERY STOCK in great variety at low prices. Ask for Wholesale Trade List.

J. DYKHUIS & CO., BOSKOOP, HOLLAND.

The Storrs & Harrison Co.

PAINESVILLE NURSERIES.
CATALOGUES AND PRICE LISTS
FREE ON APPLICATION.....

Painesville, Ohio.

HAERENS EXOTIC NURSERIES

SOMERCEM, GHENT, BELGIUM.
Furnish PALMS, ARAUCARIAS, BAY TREES, FIGUS and other decorative plants for 1905. Spring delivery, in prime quality, carefully packed. For trade list address the American Agents

August Rölker & Sons

31 Barclay St., P. O. Box 752, NEW YORK.
Please mention the American Florist when writing.

TREES and SHRUBS.

FINE VARIETIES. LOW PRICES.

For both Wholesale and Retail Trade. Send for catalogue.

Peterson Nursery, Lincoln & Peterson Aves., CHICAGO, ILL.

Please mention the American Florist when writing.

GLASGOW, Mo.—Henry Schnell's large greenhouse, a packing shed and a storage house, with contents, were destroyed by fire December 6. Another greenhouse was partially burned and its contents ruined. The fire is supposed to have started in a flue.

To Bed Supperless.

AMERICAN FLORIST Co.—I would rather go to bed without my supper than go without the AMERICAN FLORIST.
Montreal, Can. JOHN WALSH.

Spiraea

JAPONICA..... picked
COMPACTA and ASTILBOIDES..... clumps

| | |
|---------|---------|
| Per 100 | 1000 |
| \$1.50 | \$40.00 |
| 5.00 | 45.00 |

GLADIOLUS

COLVILLII, The Bride, white..... .75
RUBRA, pink..... .60

| | |
|------|------|
| 5.50 | 4.75 |
|------|------|

ARTHUR T. BODDINGTON,

SEEDS, BULBS, PLANTS,
342 West 14th St., NEW YORK.

For Fall Trade.

WE OFFER AN IMMENSE STOCK OF

WIER'S CUT LEAF MAPLES, TULIP TREES,
AZALEA INDICA (Home Grown),
GARDENIAS,
MAGNOLIA GRANDIFLORA,
ORANGES and LEMONS (Grafted).
RUBBERS, KENTIAS, LATANIAS,
CHAMAEROPS, PHOENIX and a
GENERAL LINE OF NURSERY STOCK.

All Healthy and Clean Send for prices,

P. J. BERCKMANS CO., Inc.,
Fruitland Nurseries, Augusta, Ga.

BABY RAMBLER

The New Rose

Strong dormant plants for December delivery. \$4.50 per dozen;
\$35.00 per 100.

James Vick's Sons,
ROCHESTER, N. Y.

W. van Kleef & Sons,

Wholesale Growers of all
kinds NURSERY STOCK.

BOSKOOP, HOLLAND,

Catalogue free on demand. No Agents. Please inspect our nurseries when in Europe. No agents.

BAYS.

JULIUS ROEHRS,
RUTHERFORD, N. J.

Free on Board (f.o.b.) ST. Louis
ARID-CLIMATE

Rose Bushes

FIELD-GROWN. OWN ROOTS.

Write for printed prices and list of varieties.
Choice assortment leading kinds.
Spring shipments only.

CHASE ROSE CO.

(Incorporated.)

RIVERSIDE, CALIFORNIA.

Philadelphia Rambler.

Flowers brighter and much more double than Crimson Rambler, strong grower, blooms earlier and does not bleach out.

Field plants, 2 to 3 ft., \$2.00 per doz.; \$15.00 per 100
Field plants, 3 to 4 ft., \$3.00 per doz.; \$20.00 per 100

The Conard & Jones Co., WEST GROVE, PA.

Jacs Smits, Ltd. NAARDEN, (Holland.)

(BRANCH AT BOSKOOP.)

Wholesale Growers of Hardy Fancy, Ornamental nursery stock, pot-grown forcing plants. Lilace a specialty. Berlin and Hamburg Valley—the best quality. Catalogue free on demand.

When in Europe please inspect our nurseries.
NAARDEN-BUSSUM, near Amsterdam, is our N. N. Depot.

When in Europe come and see us and inspect our extensive Nurseries. Gouda is our railroad depot.

HARDY, FANCY ORNAMENTAL NURSERY STOCK.

J. Blaauw & Co.,

BOSKOOP, HOLLAND.

Catalogue free on demand. Headquarters for the famous Colorado Blue Spruces, purest, bluest strain

Munson Nurseries.

New catalogue now ready. "Can't buy trees right without it." Get it of

T. V. MUNSON & SON, Denison, Tex.

The MUNSON GREENHOUSES. Cut flowers and Bedding Plants for retail trade.
WILL S. MUNSON, Denison, Tex.

Peter Reinberg

CHICAGO

Christmas Price List

| | Per Doz | | Per 100 |
|---------------------------------------|------------------|----------------------------|------------------|
| AMERICAN BEAUTY, Extra Long Stem..... | \$12.00 | LIBERTY, Extra select..... | 25.00 |
| " " 36-inch stem..... | 10.00 | " Select..... | 20.00 |
| " " 30-inch stem..... | 9.00 | " Good..... | 15.00 |
| " " 24-inch stem..... | 8.00 | " Medium..... | \$8.00 to 12.00 |
| " " 20-inch stem..... | 6.00 | " Short stem..... | 6.00 |
| " " 18-inch stem..... | 5.00 | BRIDESMAID, Select..... | \$10.00 to 15.00 |
| " " 15-inch stem..... | 4.00 | " Medium..... | 6.00 to 8.00 |
| " " 12-inch stem..... | 3.00 | BRIOE, Select..... | 10.00 to 15.00 |
| " " short stem..... | \$1.50 to 2.00 | " Medium..... | 6.00 to 8.00 |
| CHATENAY, Extra select..... | \$25.00 | UNCLE JOHN, Select..... | 10.00 to 15.00 |
| " Select..... | 20.00 | " Medium..... | 6.00 to 8.00 |
| " Good..... | 15.00 | SUNRISE, Select..... | 10.00 to 15.00 |
| " Medium..... | \$ 8.00 to 12.00 | " Medium..... | 6.00 to 8.00 |
| " Short stem..... | 6.00 | PERLE..... | 6.00 to 10.00 |
| | | CARNATIONS..... | 6.00 |

Carnation Rooted Cuttings.

| NOW READY. | Per 100 | 1000 |
|--------------------------------------|---------|---------|
| QUEEN LOUISE, fine white..... | \$1.20 | \$10.00 |
| ALBA, large white..... | 1.49 | 12.50 |
| AMERICA, red..... | 1.00 | 10.00 |
| MRS. POTTER PALMER, big scarlet..... | 1.20 | 10.00 |
| G. H. CRANE, scarlet..... | 1.20 | 10.00 |
| ELORADO, yellow..... | 1.20 | 10.00 |
| MARSHALL FIELD, barred..... | 1.40 | 12.00 |
| ARMANDINDY, barred..... | 1.00 | 10.00 |
| MRS. JOOST, pink..... | 1.20 | 10.00 |
| LAWSON, pink..... | 1.40 | 12.50 |
| PRES. MCKINLEY, pink..... | 1.40 | 12.50 |
| SUCCESS, light pink..... | 1.20 | 10.00 |
| HARLOWARDEN, crimson..... | 1.40 | 12.50 |
| GOV. ROOSEVELT, crimson..... | 1.20 | 10.00 |

UNROOTED CUTTINGS HALF PRICE.

TERMS: Cash with order or C. O. D. with privilege of examination. Express prepaid at above prices. All plants warranted true to name and well-rooted.

HERMITAGE CARNATION CO., Loomis, Cal.

CARNATION CUTTINGS

FROM SELECTED STOCK.

| | Per 100 | Per 1000 |
|------------------------|---------|----------|
| NELSON FISHER..... | \$7.00 | \$63.00 |
| MRS. M. A. PATTEN..... | 6.00 | 50.00 |
| FLAMINGO..... | 6.00 | 50.00 |
| CRUSADER..... | 6.00 | 50.00 |
| D. WHITNEY..... | 5.00 | 40.00 |
| ENCHANTRESS..... | 4.00 | 30.00 |
| H. FENN..... | 3.00 | 25.00 |
| MANLEY..... | 3.00 | 25.00 |
| FAIR MAID..... | 2.40 | 20.00 |
| QUEEN..... | 3.00 | 25.00 |

BACKER & CO., Billerica, Mass.

POTTED Carnations

Plant them after Chrysanthemums.

Wm. Scott, Queen Louise, Crocker,
Lorna, White Cloud, C. M. Bradt
and other varieties. Send for list.

Price, \$5.00 per 100.

J. L. DILLON, - Bloomsburg, Pa.

Palmer's
**Red
Lawson**

NOW READY!

SPORT FROM THE FAMOUS
MRS. THOMAS LAWSON

Planted May 18th, in full crop middle of August

ROOTED CUTTINGS:

\$10.00 per 100

\$40.00 per 500

\$75.00 per 1000

Ask your *Brother Florist* if he saw it
at the Detroit Carnation Show. Ten to
one he will say it's a good carnation to
grow. Received CERTIFICATE OF MERIT
at Detroit Carnation Show—scoring 87 pts.

W. J. Palmer & Son
Lancaster, N. Y.

New Carnation WM. PENN

A very pleasing shade of pink, the best bloomer I ever saw and a good healthy grower.
Every grower of carnations should plant this variety. Send for descriptive list.

Price per 100, \$10.00. Per 25, \$2.50. Price per 1000, \$75.00. Per 250, \$18.75.

CARNATIONS. ROOTED CUTTINGS.

| | Per 100 | 1000 | | Per 100 | 1000 |
|---------------------|---------|---------|--------------------|---------|---------|
| Queen Louise..... | \$1.25 | \$10.00 | Harry Fenn..... | \$1.50 | \$12.50 |
| Lillian Pond..... | 1.50 | 12.50 | Enchantress..... | 2.50 | 20.00 |
| Mrs. Nelson..... | 2.00 | 15.00 | Nelson Fisher..... | 5.00 | 40.00 |
| Floriana..... | 1.50 | 12.50 | M. A. Patten..... | 5.00 | 40.00 |
| Mrs. Roosevelt..... | 1.50 | 12.50 | Crusader..... | 5.00 | 40.00 |

SEND FOR LIST

ALBERT M. HERR,

Lancaster, Pa.

BOOKS FOR FLORISTS.

The time is coming along when these are needed and opportunity at hand for reading them. Every one of the following should be in your library.

Send prices quoted and we send the books.

GREENHOUSE CONSTRUCTION (Taft).—It tells the whole story about how to build, and heat a greenhouse, be it large or small, and that too in a plain, easily understood, practical way. It has 118 illustrations. \$1.50.

HEATING AND VENTILATING BUILDINGS (Carpenter).—This book covers the entire subject most fully. In the preparation of heating and ventilating plans, it will be found a most valuable guide. \$4.00.

STEAM HEATING FOR BUILDINGS (Baldwin).—Contains valuable data and hints for steam fitters and those who employ this method of heating. The 350 pages are fully illustrated. \$2.50.

THE HORTICULTURISTS' RULE-BOOK (L. H. Bailey).—Contains information valuable to all those engaged in any branch of horticulture. Illustrated. 312 pages. 75 cents.

PRACTICAL FLORICULTURE (Peter Henderson).—A guide to the successful propagation and cultivation of florists' plants. Illustrated. 325 pages. \$1.50.

THE ROSE—Its cultivation, varieties, etc. (H. B. Ellwanger).—A complete guide of the cultivation of the rose, together with the classification of all the leading varieties. \$1.25.

GINSENG (Kains).—At the present time when so much interest is taken in ginseng it will be interesting to peruse this volume, which tells all about the plant in a way that all may understand. The 144 pages are freely illustrated. 50 cents.

THE PRINCIPLES OF FRUIT GROWING (Bailey).—The entire subject of fruit culture is treated very thoroughly in this illustrated volume of 516 pages. It is a book that no up-to-date fruit grower can afford to be without. \$1.25.

CHRYSANTHEMUM MANUAL (Smith).—By an expert who has given his undivided attention for twenty years to the improvement of the chrysanthemum and its culture in detail. Profusely illustrated. 25 cents.

CABBAGES, CAULIFLOWER AND ALLIED VEGETABLES (Allen).—The requirements of the important vegetables of the cabbage tribe are given here very fully. The book also contains interesting chapters on seed raising, insect pests and fungus diseases common to these plants. 50 cents.

LANDSCAPE GARDENING (Waugh).—This is a very useful little book on the art of landscape gardening. It will be found exceptionally valuable to amateurs as it covers in detail the numerous problems that come to the owners of small gardens. It is freely illustrated and the pictures have been chosen with a view to informing the reader rather than decorating the book. 50 cents.

ASPARAGUS (Hexamer).—A practical treatise on the planting, cultivation, harvesting and preserving of asparagus with notes on its history and botany. This book is mainly devoted to the culinary kinds of asparagus, but there is also some reference to the ornamental species. 50 cents.

HEDGES, WINDBREAKS, ETC. (Powell).—A treatise on the planting, growth and management of hedge plants for country and suburban homes. A volume of 140 pages with twenty-two illustrations. 50 cents.

AMERICAN FLORIST CO.,

824 Dearborn Street,

CHICAGO.

250,000

Rooted Carnation Cuttings.

ORDERS FILLED PROMPTLY ON ARRIVAL.

| PINK. | Per doz. | 100 | 1000 |
|----------------------------|----------|--------|---------|
| Enchantress, light..... | 60c | \$3.50 | \$30.00 |
| Marquis, light..... | 20c | 1.00 | 10.00 |
| Lawson, dark..... | 30c | 1.40 | 12.50 |
| Genevieve Lord, light..... | 20c | 1.00 | 10.00 |
| Joost, cerise..... | 20c | 1.00 | 10.00 |
| Success, light..... | 20c | 1.00 | 10.00 |
| Mermaid, light..... | 20c | 1.00 | 10.00 |
| Cressbrook..... | 20c | 1.00 | 10.00 |

| WHITE. | Per doz. | 100 | 1000 |
|-------------------|----------|------|-------|
| Flora Hill..... | 20c | 1.00 | 10.00 |
| Queen Louise..... | 20c | 1.00 | 10.00 |
| Wolcott..... | 20c | 1.00 | 10.00 |
| Alba..... | 25c | 1.50 | 15.00 |
| Norway..... | 20c | 1.00 | 10.00 |

| SCARLET. | Per doz. | 100 | 1000 |
|------------------|----------|------|-------|
| G. H. Crane..... | 20c | 1.00 | 10.00 |
| America..... | 20c | 1.00 | 8.00 |

| CRIMSON. | Per doz. | 100 | 1000 |
|------------------------|----------|------|-------|
| Gov. Roosevelt..... | 25c | 1.50 | 15.00 |
| Harlowarden..... | 25c | 1.20 | 12.50 |
| Gen. Gomez, light..... | 20c | 1.00 | 10.00 |

| YELLOW. | Per doz. | 100 | 1000 |
|---------------|----------|------|-------|
| Eldorado..... | 20c | 1.00 | 10.00 |

| VARIEGATED. | Per doz. | 100 | 1000 |
|-----------------------------|----------|------|-------|
| Prosperity, fancy..... | 25c | 1.40 | 12.50 |
| Violantia, still ahead..... | 1.50 | 5.50 | 50.00 |
| Marshall Field..... | 25c | 1.40 | 12.50 |
| Armazindy..... | 20c | 1.00 | 8.00 |

ASPARAGUS PLUMOSUS NANUS.

3½-inch.....per 100, \$3.50; per 1000, \$30.00 New Crop Seed, per 1000.....\$5.00

Express Prepaid. Cash or C. O. D., with Privilege of Examining.

Western Carnation Company ROCKLIN, CAL.

Rooted CARNATION CUTTINGS

NOW READY

THESE LOW PRICES GOOD ONLY UP TO DECEMBER 25th....

| WHITE. | Per 100 | 1000 |
|-------------------|---------|---------|
| Queen Louise..... | \$1.00 | \$10.00 |
| Flora Hill..... | 1.00 | 10.00 |
| Alba..... | 1.40 | 12.50 |
| Gov. Wolcott..... | 1.00 | 10.00 |
| Norway..... | 1.00 | 10.00 |
| Lillian Pond..... | 1.40 | 12.50 |
| Chicot..... | 1.20 | 10.00 |

| PINK. | Per 100 | 1000 |
|---------------------------|---------|-------|
| Mrs. Thos. Lawson..... | 1.40 | 12.50 |
| Enchantress..... | 3.50 | 30.00 |
| Mrs. Joost..... | 1.00 | 10.00 |
| Success..... | 1.00 | 10.00 |
| Mermaid..... | 1.00 | 10.00 |
| Cressbrook..... | 1.00 | 10.00 |
| Pres. McKinley..... | 1.40 | 12.50 |
| Mrs. Theo. Roosevelt..... | 1.40 | 12.50 |

| SCARLET. | Per 100 | 1000 |
|------------------|---------|-------|
| G. H. Crane..... | 1.00 | 10.00 |

| SCARLET. | Per 100 | 1000 |
|--------------------|---------|-------|
| America..... | 1.00 | 10.00 |
| Potter Palmer..... | 1.00 | 10.00 |
| Estelle..... | 1.40 | 12.50 |
| J. H. Manley..... | 1.50 | 15.00 |
| Apollo..... | 1.50 | 15.00 |

| CRIMSON. | Per 100 | 1000 |
|---------------------|---------|-------|
| Harlowarden..... | 1.40 | 12.50 |
| Gov. Roosevelt..... | 1.20 | 10.00 |

| YELLOW. | Per 100 | 1000 |
|--------------------|---------|-------|
| Golden Beauty..... | 1.40 | 12.50 |
| Eldorado..... | 1.00 | 10.00 |

| VARIEGATED. | Per 100 | 1000 |
|---------------------|---------|-------|
| Prosperity..... | 1.40 | 12.50 |
| Marshall Field..... | 1.40 | 12.50 |
| Stella..... | 1.40 | 12.50 |
| Armazindy..... | 1.00 | 10.00 |
| Viola Allee..... | 1.20 | 11.00 |
| Gaiety..... | 1.20 | 11.00 |

Special prices on large lots. Unrooted pips at half price of above. 25 at 100; 250 at 1000 rates. Express prepaid at above prices. Cash or C. O. D. with privilege of examining.

LOOMIS FLORAL COMPANY, Loomis, Cal.



Richmond Gem.

The finest commercial scarlet ever introduced. Place your order early. Send for circular.

Price, \$10.00 per 100;
\$75.00 per 1000.

**B. K. & B.
Floral Co.
RICHMOND, IND.**



A DAILY SHIPMENT FROM 40 TO 50 GROWERS.

Our Specialties for Christmas

We will have a
Fine Line of

A Good Supply
OF
Bouquet Green,
Late Picked.

Evergreen
Wreathing,
all grades.

Fancy Holly,
Holly Wreaths,
Christmas Bells,
Immortelles,
Cape Flowers,
Choice Mistletoe
Etc., Etc.

Complete Circular Free.

Poinsettias, Fancy Eastern Violets, Fancy Maids, Brides and Liberties, as well as good supplies of **Beauties. Carnations** in all grades. Bulbous stock, "Greens," Christmas Berries, Pepper Boughs, etc., etc.

CHICAGO MARKET QUOTATIONS.

Order now and get in on the ground floor; however, if you cannot anticipate your wants until the last moment, **Telegraph or Telephone.** You will find us alive and with your interest at heart.

Current Price List for the asking.

E. F. WINTERSON CO. 45-47-49 Wabash Avenue,
CHICAGO.

\$2.00

POSTPAID TO
Any ADDRESS



SAVES MANY TIMES ITS PRICE



THE AMERICAN FLORIST COMPANY'S DIRECTORY saves many times its price to every one who catalogues or circularizes the trade. Fully revised to date of publication, it puts the mail only to live names, avoiding waste of postage and printed matter, time and labor.

Contains 412 pages, lists of Florists, Seedsmen and Nurserymen of the United States and Canada by states and towns, also alphabetically; firms that issue catalogues, foreign merchants, horticultural societies and much other up-to-date information which makes it a reference book of daily utility wherever a wholesale trade is done.

Published annually by the

American Florist Co.
324 Dearborn St. **CHICAGO.**

**Carnations, Roses,
Liberties, Mignonette,
Poinsettias, Stevia.**

For Christmas

We have the Best the Market
Affords in all Kinds of

CUT FLOWERS.

Write to Us Now in Regard to Your Wants.

A. L. RANDALL CO.

19 Randolph Street,

CHICAGO, ILL.

The KING of all Carnations.

THE NEW.... SCARLET SEEDLING ROBERT CRAIG

The largest, strongest stemmed, most vigorous, healthiest growing, most fragrant, and the best FANCY COMMERCIAL SCARLET CARNATION produced to date. Ranks with Enchantress and Fiancee having defeated the latter variety in all competitions in Philadelphia.

THE IDEAL CHRISTMAS CARNATION. AN ENORMOUS BLOOM just the color of the Christmas Holly Berry. An easy doer. Anybody can grow it. Having already orders for 100,000 cuttings for delivery season of 1906, we are still booking orders subject to buyer's cancellation if dissatisfied with variety at any time up to December 1st, 1905.

PRICES \$2.50 per dozen; \$12.00 per 100; \$100.00 per 1000.
2,500 lots at \$95.00 per 1000. 5,000 lots at \$90.00 per 1000. 10,000 lots or more at \$80.00 per 1000.

SEND YOUR ORDERS EARLY TO

COTTAGE GARDENS COMPANY INC.

**C. W. WARD, ORIGINATOR,
QUEENS, N. Y.**

ROBERT CRAIG (WARD)

has been awarded the following honors:

PRELIMINARY CERTIFICATE.

American Carnation Society.

SPECIAL DIPLOMA.

American Institute of New York.

FIRST CLASS CERTIFICATE OF MERIT.

Mass Horticultural Society.

FIRST CLASS CERTIFICATE OF MERIT.

Penn. Horticultural Society.

FIRST CLASS CERTIFICATE OF MERIT.

New York Florists' Club.

CRAIG CUP, for best undisseminated seedling.

Philadelphia.

G. HARTMAN KUHN, SPECIAL PRIZE, for best undisseminated seedling.

Philadelphia.

FRED BURKI

IS THE IDEAL

Commercial White Carnation

Its freedom of bloom, coupled with its other meritorious qualities, will commend it to the most conservative growers. You will make no mistake by growing Fred Burki.

\$12 per 100; \$100 per 1000. 250 at 1000 rates.

—WRITE FOR DESCRIPTIVE CIRCULAR.—

JOHN MURCHIE,
Sharon, Pa.

S. S. SKIDELSKY,
824 No. 24th St., Philadelphia.

Wm. Duckham

Strong Fine Clumps, \$1.00 per doz.

ALICE BYRON.....\$1.00 per dozen

Rooted Carnation Cuttings.

| | Per 100 | Per 1000 |
|---------------------------|---------|----------|
| WHITE LAWSON | \$6.00 | \$50.00 |
| FLAMINGO | 5.00 | 40.00 |
| ENCHANTRESS | 3.50 | 30.00 |
| THE QUEEN | 3.00 | 25.00 |
| FAIR MAID | 3.00 | 25.00 |

LARCHMONT NURSERIES
LARCHMONT, N. Y.

—WRITE—

GEO. A. KUHL, Pekin, Ill.

For Price List of Rooted Cuttings and 2x2 1/4-in. Roses of following varieties: Brides, Maids, Golden Gate, Ivory, Meteor, Souv. de Wootton, Aug. Vic. Kaiserin, Perle des Jardins, Belle Siebrecht, La France, President Carnot, General MacArthur, La Detroit, American Beauty.

Roses Rooted Cuttings
January Delivery.

Bride, Bridesmaid, Golden Gate, Ivory, \$1.50 per 100; \$12.50 per 1000. Selected from healthy grafted stock. Satisfaction guaranteed. 250 at 1000 rate. Cash or satisfactory references.....

BAUER FLORAL CO., 20 W. 10th St., Erie, Pa.

Rooted Carnation Cuttings

JANUARY DELIVERY. All Orders Filled in Rotation.

| | Per 100 |
|----------------------------------------|---------|
| Mrs. M. A. Patten..... variegated..... | \$6.00 |
| White Lawson..... | 6.00 |
| Flamingo..... scarlet..... | 6.00 |
| Albatross..... white..... | 6.00 |
| Enchantress..... | 3.50 |
| Queen..... white..... | 3.00 |
| Boston Market..... white..... | 3.00 |
| Queen Louise, Lawson..... | 2.00 |
| J. H. Manley..... scarlet..... | 2.00 |
| Challenger..... scarlet..... | 2.00 |

Write for Prices on large lots. 5 Per Cent Discount for Cash with Order.

Jas. D. Cockcroft, NORTHPORT, L. I., N. Y.

MY MARYLAND.

The largest, most productive and most profitable White Carnation yet raised. Will be disseminated in 1906. Write us about it. Also for other new and standard carnations.

CHRYSANTHEMUM STOCK PLANTS.

| Each. Doz. | Each. Doz. |
|-------------------------------|--------------------------|
| Dr. Enguehard 35c \$3.00 | Uncle John..... 35c 3.00 |
| White Mrs. J.R. 35c 3.00 | Rockford..... 25c 3.00 |
| Trantor..... 35c 3.00 | Mrs. Probin..... 35c |
| Am. Beauty..... 35c 3.00 | Mrs. Newell..... 35c |
| S. T. Wright..... 50c 5.00 | |

Pacific, B. Rose, Willow Brook, Ivory, Mrs. J. Jones, 10c each; \$6.00 per 100. Orizaba, Halliday, Monrovia, Merry Xmas, Liger, H. Sinclair, 10c each, \$7.00 per 100.

H. WEBER & SONS, Oakland, Md.

WHITE LAWSON which we introduced last season has given great satisfaction, and has proved to be The Finest White Carnation ever sent out. Remember we are head-quarters for it. The demand will undoubtedly exceed the supply this season, and in order to secure early delivery, no time should be lost in placing order. We are now booking orders for early January delivery. Orders will be filled strictly in rotation as received, so the earlier orders are hooked the earlier deliveries can be made. We can supply First-class strong rooted cuttings, \$7 per 100; \$60 per 1000. Also the other novelties of the season—Fiancee, Cardinal, Fred Burki, etc. Also the cream of older sorts—Mrs. M. A. Patten, Dah-im, Enchantress, Flamingo, Mrs. Thos W. Lawson, etc.

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

JOHN BURTON, Assignee for ROBERT CRAIG & SON, Roses, Palms, and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

Please mention the American Florist when writing.

We Sell...

The finest **BRONZE** and **GREEN GALAX**, just from the woods. Small, 45c; medium, 50c; large, 55c per 1000.

J. E. HYLTON & CO., Ballard, Va.

Please mention the American Florist when writing.

Birmingham, Ala.

The florists of Birmingham expect a good business during the coming holidays. All have booked a number of large orders for Christmas delivery. The largest seller will be the American Beauty rose. Violets, chrysanthemums, lilies, hyacinths and narcissus will also be good sellers.

John L. Parker says: "The market is good and expect to handle a heavy Christmas business. At our greenhouses on Avenue G we have a large number of cut flowers ready for the market.

Lindsay, who has large cut flower greenhouses at Shillinger station near Powderly, is optimistic.

At Avondale, the Birmingham Floral Company has a large greenhouse full of fine stock.

All of the florists report a heavy business during all of 1904.

STREATOR, ILL.—The W. C. Hill Floral Company has been incorporated with a capital of \$8,000, by William C. Hill, Clara Sherman and F. R. Thornton.

CHRYSANTHEMUM STOCK PLANTS.

WM. DUCKHAM, pink, \$10.00 per 100.

CHICAGO CARNATION CO., JOLIET, ILL.

Wm. Duckham

STOCK PLANTS, 15 cents each; \$1.50 per dozen.
2½-inch pots, 75 cents per dozen.
Immediate delivery.

Emil Glauber,
Montclair, Colo.

CHRYSANTHEMUMS...

STOCK PLANTS of Duckham, Balfour, Haliday, White and Yellow Bonafant, Minnie Bailey, Eaton Pacific, Kalb, Whilldin. A large stock of Ivory. Write for prices.

WM. SWAYNE,

Box 226, KENNETT SQUARE, PA.

Red Sport

(OF MACEO)

This New "Bread and Butter" commercial brilliant "Crane" Red Carnation, now in its fourth year, has the hardy constitution of Gen. Maceo, with a stronger, heavier growth, longer and stiffer stem and larger flower.

Growing under the same conditions and in the same house with Flamingo and Estelle, it has produced four times as many flowers as the former and twice as many as the latter. The color is as good as Estelle and the bloom brings as much as does Estelle at its best. Every flower is of a uniform, brilliant red, perfectly double, with an ideal calyx; in fact, we have never seen a split one.

RED SPORT is perfectly healthy, an easy variety to grow, an early and continuous bloomer, throwing its heaviest cuts around the Christmas holidays and during the winter months, when red is in demand.

RED SPORT will keep longer and travel farther than any other red carnation, and will prove a bonanza to growers doing a shipping business.

If the scarcity of reds in the market that now exists continues, RED SPORT will pay better to the square foot of bench room than any other variety of any color to date.

Every florist who has seen RED SPORT growing has placed an order for rooted cuttings, which tells the tale.

All our rooted cuttings are sold until after January 25. Orders filled in strict rotation from above date on.

Price, 12 for \$1.50; 25 for \$2.50; 50 for \$4.00, postpaid. \$6.00 per 100; \$50.00 per 1000, by express.

We guarantee cuttings to be well rooted and to arrive in good condition.

A. B. Davis & Son, Carnation Specialist
PURCELLVILLE, IND.

World's Fair Prize Winners

THE NEW WHITE CHRYSANTHEMUMS

Majestic and Adelia

90 points

Commercial Scale

89 points.

Having an immense stock of these sterling varieties we have decided to offer them at the following prices: Rooted Cuttings, \$3.00 per dozen; \$15.00 per hundred; \$125.00 per thousand. From 2-inch pots 5 cents additional.

Carnations, WHITE LAWSON, R. C., \$6.00 per 100; \$50.00 per 1000.
FLAMINGO, \$6.00 per 100; \$50.00 per 1000.

The New Pink Rose LA DETROIT.

Fine field-grown, immediate delivery, \$15.00 per 100; \$125.00 per 1000.

JOHN BREITMEYER'S SONS, DETROIT, MICH.

Please mention the American Florist when writing.

Orchids

We are strictly specialists in ORCHIDS: We collect, import, grow and sell them exclusively. We have them in all styles, freshly imported, semi-established and established.

Send for Catalogue of freshly imported Orchids just arrived in fine condition.

We have CATTLEYA MENDELII, Laelia Anceps, Oncidium Tigrinum, Etc. Write for special list No. 14. Live Moss, Orchid Peat and Baskets in all sizes.

LAGER & HURRELL, Summit, N. J.

ORCHID GROWERS AND IMPORTERS.

CHRYSANTHEMUM STOCK PLANTS

Should now receive proper care for future returns

Smith's Chrysanthemum Manual

Tells you what to do in a brief, comprehensive, yet complete manner. It assists you to the successful culture of the Chrysanthemum from stock plant to exhibition bloom.

—ALL FOR 25 CENTS, POSTPAID.—

NATHAN SMITH & SON, Adrian, Mich.

Stock Plants of Chrysanthemums

—EXTRA LARGE CLUMPS.—

WHILE THEY LAST AT THE FOLLOWING PRICES:

Amorita, May Foster, Marie Liger, Omega, Timothy Eaton and Walter Molatsch, \$10.00 per 100.

Cheltoni, Dr. Enguehard, F. S. Vallis, Marion Newell, Mrs. Coombes, Wm. E. Chadwick, W. A. Etherington, Wm. Duckham and Yellow Eaton, \$15.00 per 100.

A. J. Balfour, Baccace, Ben Wells, Convention Hall, C. J. Salter, F. A. Cobbold, Golden Chadwick, Harrison Dick, Harry Plumridge, Leila Filkins, Lord Salisbury, Mlle. Martha Morel, Miss Helen Frick, Mrs. H. W. Buckbee, Mrs. E. Thirkell, Maynell, M. F. Vuillermet, Percy Plumridge, Rockford, Sunburst and Wm. R. Church, \$20.00 per 100.

Chicago, Vaughan's Greenhouses, Western Springs, Ill.

Please mention the American Florist to advertisers.

LUDVIG MOSBAEK. Oparga, Ill.

BOSTON FERNS.

Extra fine stock, cut from bench now ready for 5, 6, 7 and 8-inch pots, at \$25.00, \$50.00, \$75.00 and \$100.00 per 100. **KENTIAS, RUBBERS, ASPARAGUS PLUMOSUS NANUS.** Cash or reference please.

L. H. FOSTER, 45 King St., DORCHESTER, MASS.
Please mention the American Florist when writing.

BOSTON FERNS.

4-in., \$15.00; 5-in., \$75.00; 6-in., \$40.00 per 100.
7-in., 60c; 8 in., 75c each. Strong rooted runners of **SCOTTII**, \$5.00 per 100. Of **PIERSONI** and **BOSTON**, \$2.00 per 100.

DAVIS BROS., MORRISON, ILL., and GENEVA, ILL.
Please mention the American Florist when writing.

PALMS, FERNS

AND

Decorative Plants.

R. DREYER, Woodside, L. I., N. Y.

Boston Ferns.

Strong bushy plants, from bench, ready for 5-inch pots, 20c each.

ASPARAGUS SPRENGERI.

2½-inch, very strong, ready for immediate shift, \$2.50 per 100; \$20.00 per 1000. Cash.

H. N. EATON, So. Sudbury, Mass.

FERNS for FERNERIES

All the popular sorts. Five bushy plants, 3-inch pots, \$6.00 per 100.

Chas. A. Knapp,
CHESTNUT HILL, PA.

Geo. Wittbold Co.,
1657 Buckingham Pl., CHICAGO, ILL.

Send for Price List on

Palms and Ferns

JOSEPH HEACOCK,

WYNCOTE, PA.

—CROWER OF—

Kentia Belmoreana
and **Kentia Forsteriana**

Boston Ferns.

From bench, \$1.50 to \$10.00 per 100.

ASPARAGUS SPRENGERI, own stock, in fine shape, 2-inch, 2c; 2½-inch, 3c.

CANNAS, in twenty best varieties, \$2.00 per 100.

W. W. COLES, Kokomo, Ind.

Nephrolepis Scottii.

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston Fern in a given time. Prices, 6-inch pot-grown, ready for 8-inch, \$15.00 per doz.; 7-inch, pot-grown, \$24.00 per doz.; 8-inch, pot-grown, \$36.00 per doz.

John Scott, Keap St. Greenhouses, BROOKLYN, N. Y.

Indispensable.

ED. AM. FLORIST:—Find enclosed money order for renewal. I cannot get along without the AMERICAN FLORIST.

C. M. WAGNER.

A FEW GOOD THINGS YOU WANT.

KENTIA PALMS, a fine lot of single and made-up plants as was ever grown, 4, 5, 6, 7, 8-inch pots, at 20c, 35c, 75c, \$1.50 to \$3.00 each.

BOSTON FERNS, 5-inch, \$30 per 100.

DRACAENA INDIVISA, 2, 3, 4, 5-inch, \$2, \$5, \$10 and \$25 per 100.

ASPARAGUS PLUMOSUS, 2 and 3-in., \$4 and \$8 per 100.

ASPARAGUS SPRENGERI, 2 and 3-in., \$3 and \$5 per 100.

GERANIUMS, Jean Vaud, S. A. Nutt, Castellane and Poitevine, 2-in. pots, \$3.00 per 100.

VINCA VARIEGATA, 2-inch, \$2.00 per 100.

Unrooted cuttings of **CARNATIONS**. The best and cheapest way to buy them. Fortia, Crocker, Goodenough, Mermaid, Roosevelt, 50c per 100.

Lawson, Boston Market, Fair Maid, Harry Fenn, \$1.00 per 100.

CINERARIAS, 2-inch, \$2.00 per 100; 3-inch, \$4.00 per 100.

PRIMULA OBCONICA, 3-inch, \$4.00 per 100.

CASH OR C. O. D.

GEO. M. EMMANS, NEWTON, N. J.

YOU WANT

SOME NICE PLANTS FOR YOUR SHOW WINDOWS FOR

CHRISTMAS.

Boston Ferns, 2½, 3, 4, 5, 6, 7, 8 and 10-inch.

Pierisoni, 2½, 5, 6 and 7-inch.

Plumosus, 2, 3, 4 and 5 inch.

Sprengeri, 2, 3 and 4-inch.

A few nice Rex and Flowering Begonias. Cut Flowers. Roses, Carnations, Paper white Narcissus, Roman Hyacinths, Etc. WHITE

GEO. A. KUHL,
PEKIN, ILL.

LATANIA PALMS.

6-in., 2 and 3 plants to pot, \$ 9.00 per doz.

7-in., 1 plant to pot, 7 to 9 leaves... 12.00 per doz.

8-in., 1 plant to pot, 7 to 10 leaves,

2½ to 3½ feet in height and diameter..... 18.00 per doz

ARECAS.

4-in., 2 and 3 plants to pot, standing 2 ft. \$4.00 doz

6-in., 2 and 3 plants to pot, standing 3 ft. 9.00 doz

J. W. COLFLESH, 53d St. and Woodlawn Ave., Phila.

For Sale or Exchange.

40 fine Specimen Palms. Good condition, 4 to 6 feet high, 8 to 10 inch pots. **Areca Lutescens**, **Kentia Belmoreana** and **Forsteriana**. Will take in exchange Carnation Stock for next spring delivery. Paid \$150 for them 2 years ago. Want the roots.

WALTER BUTLER, Chillicothe, O.

SPECIALTIES

ROSES, from 3-inch pots, **In Best**

CARNATIONS, for all delivery, **Varieties**

CHRYSANTHEMUMS, **SMILAX**, **VIOLETS**.

Prices Low. Send for List.

WOOD BROTHERS, Fishkill, N. Y.

THE

Gardeners' Chronicle.

A Weekly Illustrated Journal.

ESTABLISHED 1841.

The GARDENERS' CHRONICLE has been for OVER SIXTY YEARS the LEADING JOURNAL of its class. It has achieved this position because, while specially devoting itself to supplying the daily requirements of gardeners of all classes, the information furnished is of such general and permanent value that the GARDENERS' CHRONICLE is looked up to as the STANDARD AUTHORITY on the subjects of which it treats.

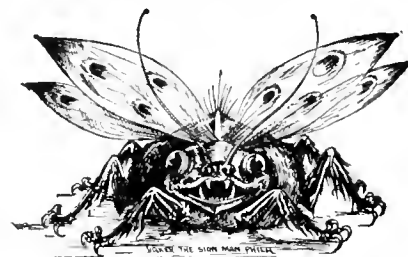
Subscriptions to the United States, \$4.20 per Year Remittances to be made payable to H. G. COVE

OFFICE:—

41 Wellington St., Covent Garden, London, England.

Always mention the American Florist when you order stock.

A Prosperous Florist



Is Like the Bee, Never Idle.

Holiday Plants NOW READY.

Importer and Headquarters for

Araucaria Excelsa

Cheaper and Better than anywhere in the United States. Carry a large stock. No Seedlings but raised from top cuttings in Belgium.

5½-inch pots, bushy plants, 12 to 15-inches high, 3 to 4 tiers, 60c.

5½ to 6-inch pots, bushy, 4 to 5 tiers, 15 to 20 inches high, 75c.

6-inch pots, 20 to 25 inches high, 5 tiers, \$1.00.

6-inch pots, specimen plants, \$1.25 to \$1.50 each.

AZALEA INDICA for Xmas blooming now ready for shipment; showing color and flower, only selected plants, strong and healthy, full of buds.

Are used for Xmas potted. Deutsche Perle, pure double white; Simoon Mardoer, double pink;

Vervaneana, large double pink; rosa. Price, 75c, \$1.00, \$1.25 to \$1.50 each; all unusually nice this year; rooted off before shipment.

KENTIA FORSTERIANA, 6-inch pots, made-up plants with three of the same size, 36 to 40 inches high, \$1.25.

5½-inch pots, made-up with 3 of the same size, 36 inches high, \$1.00.

Kentia Forsteriana made-up with 3 of the same size, 30 inches high, very strong, 75c.

ASOPHILA AUSTRALIS, (Fero) 4-in. pots, 20c.

ARECA LUTESCENS, made-up plants, 3 in a pot 6-inch, 30 to 35 inches high, 75c; 5½-inch pot, 36 inches high, 3 in a pot, 50c; 5-inch, 25 to 30 inches high, 3 in a pot, 30c.

LATANIA BORBONICA, 6-inch pots, 50c.

PHENIX CANARIENSIS, 4 feet high, 4 feet wide, 15 per cent leaves, perfect specimens, \$2.00 each; worth \$5.00; good for decoration.

FIGUS ELASTICA, (Rubber PLANTS,) Home-grown and Imported; can meet all wants; not a b-d one in the lot, nicely staked up with painted stakes, 5½ to 6-inch pots, 20 to 30 inches high, having from 16 to 20, 25 and more perfect leaves to the plant, \$4.00, \$5.00 and \$6.00 per dozen. Extra specimens, 6 to 7-inch pots, 30 to 36 inches high 75c to \$1.00 each.

PIERSONI FERNS, 5-inch pots, 25c.

BOSTON FERNS, 5 to 5½-inch pots, 25c, 30c and 40c; 6-inch pots, 18 to 20 fronds, 50c. Specimen 7-inch, very large, 75c to \$1.00 each.

8 to 9-inch pots, as large as a bushel basket or washtub \$1.25 to \$1.50 each; worth \$3.00.

HOLLY FERNS and others for Fern Dishes, large 3-inch at 7c. 2½-inch mixed at \$5.00 per 100.

Co. os Weddelliaoa, 3-inch, strong, 15c.

PRIMULA CHINENSIS or **CHINESE PRIMROSES**, are never so nice as this year. 5½-inch pots, John Rupp strain now in bud and bloom, \$2.00 per dozen; \$15.00 per 100.

SOLANUM, Jerusalem Cherries, unusually fine this year; just laden with berries, 6-inch pots from \$2.50 to \$3.00 per dozen.

DRACAENA BRUANTI, 25 inches high, 6-inch pots, full of leaves from top to bottom, 50c.

ASPARAGUS PLUMOSUS NANUS, 3-in. pots, \$6.00 per 100; 4-inch, \$10.00 per 100, or by doz., 10c each 6-inch, 3 in a pot, \$3.00 per dozen.

Cash with order please. All goods travel at purchasers' risk.

Godfrey Aschmann,

Wholesale Grower and Importer of Pot Plants.

Bell Phone Tioaga 3669 A.

1012 Ontario St., Philadelphia, Pa.

SEND ONE DOLLAR

And receive large sample package of Silliman's Celebrated Every Spring Berried Mistletoe. Express prepaid to any point in the United States.

A. B. SILLIMAN & CO., BOONE, IOWA.

BOSTONS

We Aim to Please. OUR Stock of Bostons, 18,000 Plants, is in the finest possible shape. It will please you. All sizes but we particularly recommend our 50c, 75c, \$1.00 and \$1.50 sizes as the most suitable for Christmas trade. They cannot be beaten.

We also have a fine stock of ARAUCARIAS, Excelsa and Glauca, in 75c, \$1.00 and \$1.50 sizes. A full line of other plants.

HOLTON & HUNKEL CO. Milwaukee, Wis.

GERANIUMS.

ROOTED CUTTINGS.

Fifteen varieties at \$10.00 and \$12.50 per 1000. Send for complete price list of GERANIUMS and CARNATIONS.

ALBERT M. HERR, Lancaster, Pa.

CYCLAMEN

SPLENDENS GIGANTEUM HYBRIDS. Finest strain in the world, in bud and bloom. First-class grown stock from 5-inch pots, \$2.50 per dozen; \$20.00 per 100. Satisfaction guaranteed.

PAUL MADER, East Stroudsburg, Pa.

Peacock's ...Dahlias

For plants or bulbs address

L. K. PEACOCK,
Dahlia Specialist, ATCO, N. J.

GARDENIA PLANTS.

(GRANDIFLORA CAPE JESSAMINE.)

Our leading specialty. Natural growing conditions here ideal; size tells its own story. We do not think they can be equaled elsewhere. 1-year, 18 to 24-in., \$1.50 per doz.; \$10.00 per 100. Dormant now and until February 25th.

C. W. BENSON, Alvin, Tex

HINODE FLORIST CO.

...JAPANESE NOVELTIES...

TINY PLANTS. in 2 and 3-in. decorated Japanese pots, \$15.00, \$20.00 and \$25.00 per 100. RHAPIS, 5 to 15 shoots, 50 cents each.

CASH WITH ORDER.

LARGEST GROWERS OF FASTER LILIES.
WOODSIDE, N. Y. and WHITESTONE, L. I., N. Y.

Cheap To Clear.

2,500 Rose Geraniums, 2,500 Mixed Geraniums best bedding varieties, all 2-in. \$1.00 per 100. Cuphea, 75c per 100; Chrysanthemums stock plants, J. K. Shaw, Lincoln. Polly Rose, Glory of Pacific, Bill Hawk, 25c per doz.

H. ROSSITER,
200 Lexington Avenue, JERSEY CITY, N. J.

RUDBECKIA.

Extra choice, large clumps.....\$5.00
Per 100
Asp. Sprengerii, extra quality, 2½-in. pots... 2.00
Asp. Plumosus, extra quality, 2½-in. pots... 2.50
Asp. Plumosus, extra quality, 3-in. pots.... 4.00

JOHN BROD, Niles Center, Ill.

Palms and Asparagus Cheap.

| | Per 100 |
|---------------------------------------------|---------|
| Lafania Bor., 2-in. pot, seed leaves.. | 8.00 |
| " " 3-in. pot, 15-18 in., 2-8 chr. lvs. | 12.00 |
| " " 5-in. pot, 18-20 in., 3-4 chr. lvs. | 15.00 |
| " " 5-in. pot, 20-24 in., 4 chr. lvs. | 20.00 |
| Kenia Bel., 2½-in. pot, 6-8 in., 2 leaves.. | 10.00 |
| " " 3-in. pot, 8-10 in., 3-4 leaves.. | 12.50 |
| " " 4-in. pot, 12-15 in., 4-5 leaves.. | 16.00 |
| Asparagus Sprengerii, 2-inch..... | \$2.00 |
| Asparagus Plumosus Nanus, 2-inch..... | 2.50 |
| " " 3-inch..... | 5.00 |

SHERMAN NURSERY CO.,
CHARLES CITY, IA.

Please mention the American Florist when writing.

ASPARAGUS

Plumosus Nanus, 2½-inch pots, per 1000, \$15.00; per 100, \$2.00.

Pansy Plants.

Large flowering, per 1000, \$2.50; per 100, 60c. Cash.

JOS. H. CUNNINGHAM, Delaware, O.

Please mention the American Florist when writing.

Asparagus Plumosus,

50 CENTS PER STRING.

Carnation Blooms and Rooted Cuttings.
Good stock.

W. H. WATSON, Lapeer, Mich.

VIOLETS.

Write for lowest price on Violets. We took 1st premium at the "World's Fair," Chicago and Joliet Flower Shows. We can give the right price as we are growers.

ELI CROSS, Grand Rapids, Mich.

Wm. P. Craig, 1224 Cherry St., Philadelphia, Pa.

Representing Joseph Heacock and John Burton, Assignee.
PALMS, FERNS, CROTONS and DECORATIVE PLANTS.

Always mention the American Florist when you order stock.

PANSIES.

200,000 Extra Strong Stocky Plants.

Giant of best sorts, equal to any, \$2.50 per 1000; \$4.50 per 2000.

BABY PRIMROSE, in bloom, 2-inch, 1¼c.
DAISIES. Snowball, Longfellow, Giant Red, \$2.50 per 1000; 2000 for \$4.50

VINCA VAR., R. C., prepaid, 90 cts per 100.

ASP. PLUMOSUS NANUS, 2-in., 2½c. 3-in., 5c.

ASP. SPRENCERI, 2-inch, 2c.

RUBBERS, 4-inch, fine, 20c.

ABUTILONS, 4 varieties, 2½-inch, 3c.

Rooted Cuttings, prepaid: Heliotrope, 75c per 100.

Ageratum, Gurney, Pauline 60c per 100. Salvia,

Splendens, Bonfire, 50c per 100. Fuchsia, 6 best

varieties, \$1.25 per 100. Hardy Plcks., 7 varie-

ties, some everblooming, 75c per 100, \$7.00 per

1000. Dnl. Petunias, 10 finest, \$1.00 per 100.

—CASH—

BYER BROS., Chambersburg, Pa.

Please mention the American Florist when writing.

GIANT PANSIES.

\$2.00 per 1000. Colors the best. Sure Sellers.

Safely packed for Southern trade, Extras.

Daisies, Longfellow, \$2.00 per 1000, small plants.

Allyseum, Giant Double, strong, 2 inch 2c.

Heliotrope, blue, 2 inch, 1¼c; R. C., ½c. Altern-

anthera, best red and yellow R. C., ½c. Aspa-

ragus Sprengerii, 2-in., 2c. Plumosus Nanus,

1½-in., 2c; 3-in., 5c. Rooted cuttings, prepaid.

—CASH—

BYER FLORAL COMPANY, Shippensburg, Pa.

Please mention the American Florist when writing.

Special Clearing Sale.

ASPARAGUS PLUMOSUS NANUS.

Strong plants from 3-inch pots, \$3.00 per 100.

BOSTON FERNS. Fine plants from 6-in. pots, full of young fronds, clean and healthy, \$3.00 per dozen; \$20.00 per 100.

—CASH WITH ORDER.—

Send for our new list of Specialties.

The W. T. BUCKLEY CO.,
SPRINGFIELD, ILL.

Please mention the American Florist when writing.

PANSY PLANTS THE JENNINGS STRAIN

Fine plants, fancy colors, large flowering. Large plants in bud and bloom, \$1.00 per 100. Medium size for cold frames, \$3.50 per 1000; 500 for \$2.00. By mail, 75c per 100. Seed, \$1.00 per pkt.; \$5.00 per oz. Cash with order.

E. B. JENNINGS, Lock Box 254,
SOUTHPORT, CONN.

GROWER OF THE FINEST PANSIES.

Please mention the American Florist when writing.

Lowell, Mass.

The week before Christmas finds everyone stocked up in fashions, anticipating a big trade for the Yule-tide. Never before in the history of the business were the establishments stocked with a more complete line of goods than they are this year. Every available place has been cleared to make room for plants, and some very fine flowering plants are being offered for sale, azaleas, poinsettias, primroses and bulbous stock in pans.

Begonia Gloire de Lorraine in pans with Asparagus plumosus make a very pretty combination. The way the stores are stocked up with this old favorite shows that it has not lost any of its old time popularity. For the first time well grown Scott ferns are being shown. There is no reason why there should not be enough flowers to meet the heavy demands, as we have been having excellent weather for producing stock of all kinds. As usual, the grower is around asking how many thousand carnations you will want at his price. As early as the present time a shrinkage in the supply is noticed owing to the fact that some of the growers are holding their supplies back; how foolish, Christmas is not the only day to do business, there are others. Some of the violet growers who have struck it just right this season are wearing the "smile-that-won't-come-off." The supply of green goods is heavy owing to the lateness of deep snow, and with the swamps all frozen it has been an easy task to get all the trees that were needed. The advance sale of green goods has been heavy. The first consignment of holly has not been quite up to the standard,

A. M.

National Florists' Board of Trade,

Office: 56 Pine Street, New York.

Credit Reference Book. A subscription to our Credit List will cost you \$10 a year, and it may save you \$100 the first month. **Special Reports.** We make a specialty of this part of our work. **Collections.** We collect slow and doubtful accounts. Why not go through your books at once and send us all the claims that are in arrears?

JOHNSON'S HANDY MANUAL.

The latest and best book now on the market for those interested in greenhouse heating and ventilating. This book has just been revised and now contains over 125 pages of valuable information, fully illustrated with cuts and working plans. If you intend to overhaul your heating apparatus, Johnson's Manual will tell you how to do it with the best results. If your boiler consumes too much fuel, Johnson's Manual treats on how to make your plant economical in that respect. Mr. J. W. Johnson, the Author, is a practical steam and hot-water heating engineer of 25 years' experience. The "Manual" mailed postpaid to all points in U. S. and Canada upon receipt of \$1.00.

J. W. JOHNSON, 802 Stewart Bldg., Chicago.

Please mention the American Florist when writing.

NICKEL PLATE.
The New York, Chicago & St. Louis R.R.

NO
EXCESS
FARE
ON ANY
TRAIN

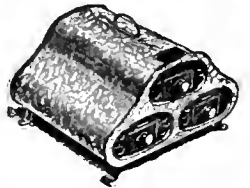
Three Express Trains East every day in the year. Pullman Drawing Room Sleeping Cars on all Trains. Trans-Continental Tourist Cars leave Chicago Tri-Weekly on Tuesdays and Sundays at 2:30 p. m., on Wednesdays at 10:35 a. m. Chicago to Boston without change. Modern Dining Cars serving meals on individual club plan, ranging in price from 35c to \$1.00; also service a la Carte. Coffee and Sandwiches, at popular prices, served to passengers in their seats by waiters. Direct line to Fort Wayne, Findlay, Cleveland, Erie, Buffalo, Rochester, Syracuse, Binghamton, Scranton, New York City, Boston and all points East. Rates always the lowest. Colored porters in uniform in attendance on all Coach Passengers. If you contemplate a trip East, call on any convenient Ticket Agent, or address JOHN Y. CALAHAN, Gen'l Agent, 113 Adams St., Chicago, Ill.

PROTECTION!!

Of your plants from freezing. This can be done only by using a celebrated

LEHMAN WAGON HEATER

250,000 are in use by Florists, horsemen, doctors and farmers. They burn Lehman Coal from which there is no smoke, no danger, at a cost of less than ¼ cent per hour. Don't fail to write for circular telling more about them.



LEHMAN BROS.,
MANUFACTURERS,
10 Bond St., NEW YORK.

BEWARE
OF
IMITATIONS.

J. W. ERRINGER,
General Western Sales Agent,
45 E. Congress St., CHICAGO.

M. RICE & CO.,

Importers and Manufacturers,

**Leading Florists'
Supply House and
Ribbon Specialists.**

918 Filbert Street,
Philadelphia, Pa.

Tobacco Dust

FOR FUMIGATING.

It would pay large users of dust to communicate with us and get samples and prices.

Edwin L. Koppelman & Co., 81 PINE STREET,
NEW YORK.

H. Bayersdorfer & Co.

50 to 56 North Fourth St.,

PHILADELPHIA.

A. HERMANN,

☛ Cape Flowers, all colors,
☛ Cycas Leaves, Metal Designs,
☛ and All Florists' Supplies.

SEND FOR PRICES.

404-412 East 34th Street, NEW YORK.

KORAL LETTERS

For Sale by all Wholesale Houses.

Koral Mfg. Co.,
12 Hawley Place, Boston, Mass.

MEALY BUG

"Nicotinic acid is the only thing I have ever found would kill Mealy Bug in Green-houses."

L. L. Cory, Fresno, Cal., Oct. 23, 1902.

TOBACCO WAREHOUSING & TRADING CO.
LOUISVILLE, KENTUCKY.

PREPARED PALMS

Palm Fibre, Dyed Moss,
Birch Bark, Cork Bark.

Artificial Flowers and Leaves.

Get Catalog from Headquarters

Clare & Scharrath, Mfns.

170 E. Madison St., Chicago.

SIGMUND GELLER,

FLORISTS' SUPPLIES and RIBBONS.

108 West 28th Street, New York.
NOVELTIES always on hand.



Send for Booklet entitled "HOW."

The PERFECT FLUE CLEANER

C. S. KREIDLER, Sta. H, Cleveland, O.

Please mention the American Florist when writing.

Long Distance THERMOMETERS

REGISTER CAN BE READ 20c
TEN FEET AWAY.

WM. ELLIOTT & SONS, New York.

Please mention the American Florist when writing.

L. BAUMANN & CO.,

Importers and Manufacturers of
Florist Supplies

76-78 Wabash Ave., CHICAGO.

Write for our New Catalogue F. Our
prices may interest you.

Please mention the American Florist when writing.

Wired Toothpicks

10,000, \$1.50; 50,000, \$6.25. Manufactured by

W. J. COWEE, BERLIN, N. Y.

Sample Free. For sale by dealers.

Please mention the American Florist when writing.

ALL Nurserymen, Seedsmen and Florists wishing
to do business with Europe should send for the

"Horticultural Advertiser"

This is the British Trade Paper, being read weekly by all the Horticultural traders; it is also taken by over 1000 of the best continental houses. Annual subscription to cover cost of postage 75c; Money orders payable at Lowdham, Notts.

Address **EDITORS OF THE "H. A."**
Chilwell Nurseries, LOWDHAM, Notts, England.

SIGMUND GELLER

Fastest Growing Supply House.

110 West 28th St., Telephone No. 1747-J NEW YORK CITY.
Madison.

NOVELTIES which will turn out regular money-makers for the scores of my customers, obtained at our annual European scouring tour and at hand NOW.

Red Paper Christmas Folding Bells

As good as the Best Folding Bell. Not to be Compared with Cheap Domestic Bells in Market.

CAN'T BE BEAT.

Jobbers Please Apply.

Embossed, Plain and Plaited Crepe Paper, Waterproof Japan Two-Tone Silk Crepe Paper, Novel Bark Goods, Wonderfully Popular.

Ground Floor Conveniences for City Florists.

6 Inches, \$1.25 Doz. 9 Inches, \$2.50 Doz. 12 Inches, \$5 00 Doz.

FOLDED.

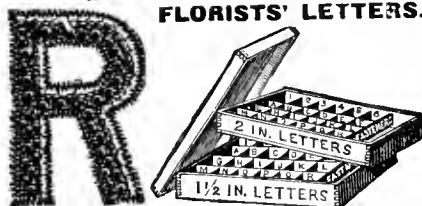
GRASS GROWING PIGS.

Very amusing and interesting. The latest Novelty. Selling Wherever Shown.

FULL LINE OF RIBBONS AND CHIFFONS.

Boston Florist Letter Co.

MANUFACTURERS OF
FLORISTS' LETTERS.



This wooden box nicely stained and varnished, 18x30x12 made in two sections, one for each size letter, given away with first order of 500 letters.

Block Letters, 1½ or 2-inch size, per 100, \$2.00.
Script Letters, \$4. Fastener with each letter or word.

Used by leading florists everywhere and for sale by all wholesale florists and supply dealers.

N. F. McCARTHY, Treas. and Manager,
84 Hawley St., BOSTON, MASS.

CUT FLOWER BOXES

WATERPROOF
Corner Lock
Style.

The best, strongest and neatest folding cut flower box ever made. Cheap, durable. To try them once is to use them always. Per 100 Per 1000

| Size No. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|----------|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | 3x 4x20 | 3x 4½x16 | 3x 6x18 | 4x 8x18 | 3x 5x24 | 4x 8x22 | 4x 8x28 | 6x16x20 | 3x 7x27 | 5x10x35 | 7x20x30 | 3½x5x30 |
| | | 1.90 | 2.00 | 2.50 | 2.75 | 3.00 | 3.75 | 5.50 | 3.00 | 6.50 | 9.50 | 3.00 |
| | | | 17.50 | 19.00 | 23.00 | 26.00 | 28.50 | 36.00 | 28.50 | 62.00 | 67.50 | 28.50 |

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

THE LIVINGSTON SEED COMPANY,
BOX 104, COLUMBUS, OHIO.

TO BUY OR SELL

Advertise in THE AMERICAN FLORIST.

ESTABLISHED
1866

EMIL STEFFENS

SUCC^{TO} N. STEFFENS.
AND STEFFENS BROS.



Please mention the American Florist when writing

FLORIST Plain, Violet, Rose

MADE BY

The John J. Crooke Co.

155 Ave. D, NEW YORK. 149 Fulton St., CHICAGO.

ROSSIG BROTHERS,

—MANUFACTURERS OF—

Artificial Leaves.

ALL STYLES IN HUNDREDS OF DIFFERENT DESIGNS PAPER AND MUSLIN. SMILAX, YARDS and PIQUETS. Samples Furnished to the Jobbing Trade Only.

497 West Broadway, NEW YORK.

BEST ENGRAVINGS and ILLUSTRATIONS

—Of Every Description—

FOR CATALOGUES.

SEE OUR WORK IN THIS PAPER.

SEND FOR ESTIMATES.

GLOBE ENGRAVING and ELECTROTYPE CO.

407-427 Dearborn St., CHICAGO.

"There is only One."

The Fumigating Kind Tobacco Powder

WHAT A FEW SAY, ALL THAT USE IT SAY.

Mamaroneck, N. Y.
I tried the 5-lb. trial package of **The Fumigating Kind Tobacco Powder** in two of my houses one night and the following night gave a 60 foot house a thorough smoking. Result I would like you to send me 100 lbs. of the Fumigating Kind.
W. H. DANIELS.

Maywood, Ill.
The Fumigating Kind Tobacco Powder is great stuff, it keeps one's houses clean as a sheet. I can heartily recommend it.
ALBERT F. AMLING.

Jewett City, Conn.
I have used your **Fumigating Kind Tobacco Powder** for some four or five years and find it the best fumigator I know of. I use nothing else as your kind is easy to handle and does the work thoroughly.
A. A. YOUNG.

Tamaqua, Pa.
Until three years ago I was always hunting for something better to kill the greenfly, without injury to bloom or foliage. Then I started to use **The Fumigating Kind Tobacco Powder**. I have used it ever since, it is good enough for me.
NELS NELSON.

A FREE trial five pound bag will cost you nothing more than the express charges on it, the trial bag will prove our assertion that it is the most effective, cleanest and quickest as well as the cheapest (10 cents per 100-foot house) article to fumigate with. All aphids killed in one night—our booklet tells of it, we mail one on request.

THE H. A. STOOHOFF COMPANY, Tobacco Powder Hobbyists, 116, 117, 118 West St., New York.



THOSE RED POTS

"STANDARDS"
FULL SIZE AND WIDE BOTTOMS.
BULB PANS AND AZALEA POTS.

DETROIT FLOWER POT M'FY.,
HARRY BALSLEY, Rep. DETROIT, MICH.,
490 Howard St.,

—WRITE—

A. F. Kohr

1521-23 N. Leavitt St., CHICAGO, ILL.,

FOR PRICES OF

Standard Pots which for strength and porosity combined are the best on the market.

Standard Flower... POTS

If your greenhouses are within 500 miles of the Capitol, write us, we can save you money.....

W. H. ERNEST,

28th and M Streets. WASHINGTON, D. C.

CUTS for your Catalogue

Of all kinds in the Horticultural line, suitable for any purpose. Send for sample sheets and estimates.

Sunset Horticultural Designing and Engraving Co.

627 W. 6th St., LOS ANGELES, CAL.

Standard Flower Pots

The WHILLDIN POTTERY COMPANY,
PHILADELPHIA PA. JERSEY CITY, N. J. LONG ISLAND CITY, N. Y.
Traveling Representative, U. CUTLER RYERSON, 108 Third Ave., Newark, N. J.

THE KELLER POTTERY COMPANY,

Manufacturers of **FLORISTS' RED STANDARD POTS.**

Azalea Pots, Bulb and Fern Pans, Etc.

Write for Price List. 213-15-17-19-21-23 Pearl St., NORRISTOWN, PA.



RED POTS

SAMPLE POT AND PRICE LIST
ON APPLICATION.

C. C. POLLWORTH CO., MILWAUKEE, WIS.



GEO. KELLER & SON,
MANUFACTURERS OF
FLOWER POTS.

Before buying write for prices.

361-363 Herndon Street,
near Wrightwood Ave.,
CHICAGO, ILL.

Please mention the American Florist when writing.

Kramer's Pot Hanger



Patent Applied For.

The nearest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They fit all standard made pots from 2 to 10 inches in diameter. The illustration shows how they are attached. Just the thing for hanging up ferns, begonias, etc. You can make room and money by their use. Try them.

FOR SALE BY WHOLESALE SEEDSMEN, FLORISTS AND SUPPLY DEALERS.

Price with wire chain as shown in cut, \$1.00 per dozen by express. Sample dozen by mail, \$1.25.

I. N. Kramer & Son, Cedar Rapids, Iowa.

STANDARD FLOWER POTS!

Packed in small crates, easy to handle.

| Price per crate | Price per crate |
|------------------------------|-----------------------------|
| 1500 2-in., in crate, \$1.88 | 120 7-in., in crate, \$4.20 |
| 1500 2 1/2 " " 5.25 | 60 8 " " 3.00 |
| 1500 2 3/4 " " 6.00 | |
| 1000 3 " " 5.00 | 48 9-in., in crate, \$3.60 |
| 800 3 3/4 " " 5.80 | 48 10 " " 4.80 |
| 500 4 " " 4.50 | 24 11 " " 8.60 |
| 320 5 " " 4.51 | 24 12 " " 4.80 |
| 144 6 " " 3.16 | 12 14 " " 4.80 |
| | 6 16 " " 4.60 |

Seed pans, same price as pots. Send for price list of Cylinders for Cut Flowers, Hanging Baskets, Lawn Vases, etc. Ten per cent off for cash with order. Address

HILFINGER BROS. POTTERY, Fort Edward, N. Y.
Or AUGUST ROLKER & SONS, New York Agents,
31 Barclay Street, New York City.

Please mention the American Florist when writing.

PUMPS Rider-Ericson. Second-hand. From \$1.00 up; all repairs, other makes; new; cheap.

BOILERS Second-hand Greenhouse Boilers, guaranteed. Send for prices; state size wanted.

PIPE New 2-in. full lengths, with coupling, 8½¢ a foot. Good serviceable second-hand 2 in., 6½¢; 1½-in., 5½¢; 1¼-in., 3½¢; 1 in., 3¢; ¾-in., 2½¢. New and old fittings and valves.

GARDEN HOSE New, ¾-in., guaranteed 100 lbs. pressure, 7½¢ per ft.; ½-in. not guaranteed, 4½¢ per ft.

HOT-BED SASH New. Cypress, 3½ ft., from 70¢ up; glazed, complete, from \$1.60 up.

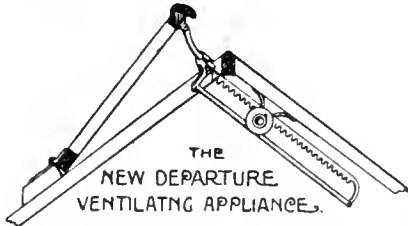
Get our prices on New Cypress Building Material Ventilating Apparatus, Oil, White Lead, Putty, Paint, Points, Etc.

OLD GREENHOUSES BOUGHT.

SEND FOR PRICES ON STEAM FITTING TOOLS.

References: Bradstreet's, Dunn's or Broadway Bank of Brooklyn.

Metropolitan Material Co.,
1393-1403 Metropolitan Ave., BROOKLYN, N. Y.



CHEAPEST AND BEST.

If you doubt it try them and be convinced.
Send for descriptive price circular.

J.D. Carmody, Evansville, Ind.

Established 1899. Tel. 174 Bergen.

Phillips Manufacturing Co.

222-226 Kearney Ave., Jersey City, N. J.

Horticultural Architects, Builders
and Heating Engineers.

Designers and Manufacturers of
every description of Glass Houses
for private or commercial uses. Most
modern and up-to-date.

If you write or telephone us, we do
the rest.

—RUSTIC WORK A SPECIALTY.—



**EVANS' IMPROVED
CHALLENGE
VENTILATING
APPARATUS**

WRITE FOR ILLUSTRATED CATALOGUE
QUAKER CITY MACHINE WORKS.
RICHMOND, IND.

STENZEL GLASS CO.,
GREENHOUSE GLASS.

French and American "WHITE ROSE"
Brand.

2 Hudson St.,
NEW YORK.

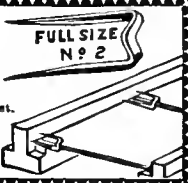
101 Portland St.,
BOSTON.

**Holds Glass
Firmly
See the Point**

**FULL SIZE
No 2**

PEERLESS
Glazing Points are the best.
No rights or lefts. Box of
1,000 points 75 cts. postpaid.

HENRY A. DREER,
114 Chestnut St., Phila., Pa.



The James H. Rice Co.

—IMPORTERS and JOBBERS—

GREENHOUSE GLASS

A SPECIALTY.

Window Glass, Paint, Putty, etc.

80-82 Wabash Avenue and 34 to 40 South Water Street, CHICAGO.



GARLAND'S GUTTERS

WILL KEEP SNOW AND ICE OFF
YOUR GLASS.

DES PLAINES, ILL.

SEND FOR CATALOGUE.

A sample of our Gutter is on Exhibition at the Chicago Flower Growers' Market.

GREENHOUSES.

MATERIAL FURNISHED

AND

MEN TO SUPERINTEND
ERECTION IF DESIRED.

CYPRESS SASH BARS

ANY LENGTH UP TO 32 FT. OR LONGER.

THE A. T. Stearns Lumber Co.,
NEPONSET, BOSTON, MASS.

GLASS.

**GOOD BRANDS.
QUICK SHIPMENTS.
LARGE STOCK.**

Warehouse on railroad switch. **Be sure
and get our prices.**

Sharp, Partridge & Co.

22nd St. and Union Place, CHICAGO.

**D. O.
Cunningham
Glass Co.**

PITTSBURG, PA.

TANK WINDOW GLASS.

Hot-House Glass a Specialty.

H. M. HOOKER CO.

Window Glass, Paints and Putty.
Greenhouse Glass a Specialty.

59 W. Randolph St., CHICAGO.

GULF CYPRESS GREENHOUSE MATERIAL

**HOT-BED SASH, BOILERS, PIPES, FITTINGS,
VENTILATING APPARATUS.**

GLASS AT WHOLESALE.

We furnish everything for building. Send
for prices and catalogues.

S. Jacobs & Sons, 1365-1373 Flushing Ave.
BROOKLYN, N. Y.

ADAM SCHILLO LUMBER CO.

—DEALER IN ALL KINDS OF—

**Hemlock
and Pine Lumber**

and "PECKY CYPRESS" our new introduction
to the trade.

For Greenhouses.

ALSO CEDAR POSTS OF ALL LENGTHS and DIMENSIONS

Having had an extensive experience in the line
of Lumber and Posts needed for Greenhouse work.
I am prepared to meet all inquiries. Send for prices.

Cor. Weed & Hawthorne Ave., CHICAGO, ILL.

Tel. North 1626 and 1627.

References given from the leading Florists
of Cook County.

The Standard

VENTILATING MACHINERY

The original machine with self-
rolling cups. The most powerful,
least complicated, very compact
with ease of operation.

The New Duplex Gutter

Over six miles in use and highly
recommended by all. The only Drip
Proof gutter on the market.

The Standard Return Steam Trap

It has no equals for simplicity or its
working. Catalogue free.

E. HIPPARD, Youngtown, Ohio,

Sprague Smith Co.
PLATE AND WINDOW GLASS

Greenhouse Glass a Specialty,

205 Randolph Street, CHICAGO.

Index to Advertisers.

| | |
|-------------------------|-------------|
| Advertising rates... | 876 |
| Aitken Mark | 882 |
| Alhany Steam Trip Co. | 904 |
| American Blower Co. | 904 |
| Amling E. C. | 889 |
| Aschmann Godfrey | 898 |
| Bac-er & Co. | 891 |
| Bassett & Washburn | 89 |
| Baumann L. & Co. | 900 |
| Baur Floral Co. | 895 |
| B. K. & B. Floral Co. | 892 |
| Bayersdorfer H. & Co. | 9 |
| Beaven E. A. | 883 |
| Beckert W. C. | 11 |
| Benson C. W. | 899 |
| Bentley Coatsworth | 879 |
| Berkmans P. J. Co. | 890 |
| Berger Bros. | 889 |
| Berning H. G. | 878 |
| Berterman Bros. | 882 |
| Blaauw J. & Co. | 880 |
| Bohlink & Atkins | 891 |
| Boddington A. T. | 890 |
| Boston Letter Co. | 890 |
| Brague L. H. | 890 |
| Braut D. Wood | 879 |
| Breitmeyer's J. Sons | 882 |
| Brod John | 899 |
| Bruna H. N. | 11 |
| Buckley W. T. Co. | 899 |
| Budlong J. A. | 879 |
| Burpee W. A. & Co. | 11 |
| Butler Walter | 898 |
| Byer Bros. | 899 |
| Byer Floral Co. | 899 |
| Caldwell the Woods- | 890 |
| mao Co. | 894 |
| Carmody J. D. | 893 |
| Chadwick Chas. | 890 |
| Chase Rose Co. | 892 |
| Chicago Carnation Co. | 895 |
| Chicago House | 111 |
| Wrecking Co. | 111 |
| Clare & Scharrath | 900 |
| Cleveland Flow Co. | 880 |
| Cockcroft Jas. D. | 895 |
| Coles W. | 898 |
| Colfesh J. W. | 898 |
| Conard & Jones Co. | 891 |
| Cotsonas Geo. & Co. | 880 |
| Cottage Gardens Co. | 895 |
| Cowee W. J. | 90 |
| Craig Robt. & Son | 895 |
| Craig Wm. P. | 9 |
| Crooke John J. Co. | 91 |
| Cross Eli | 899 |
| Crowl Fern Co. | 880 |
| Cunningham D. O. | 903 |
| Glass Co. | 903 |
| Cunningham Jos. H. | 899 |
| Curry G. R. | 884 |
| Davis A. B. & Son | 896 |
| Davis Bros. | 898 |
| Deamud J. B. | 879 |
| Detroit Flower Pot | Mfg. |
| Mfg. | 902 |
| Dietsch A. Co. | 111 |
| Diller Caskey & Co. | 111 |
| Dillon J. L. | 891 |
| Dillon's Mfg. Co. | 904 |
| Dorner F. & Sons Co. | 1 |
| Dreer H. A. | 887 |
| Dreyer R. | 898 |
| Dykhuys J. & Co. | 890 |
| Eatoo H. N. | 898 |
| Elliott Wm. H. | 880 |
| Elliott Wm. & Sons | 900 |
| Emmams Geo. M. | 898 |
| Ernest W. H. | 902 |
| Fearich J. S. | 881 |
| Fisher Peter | 1 |
| Flower Growers Co. | 879 |
| Foley Mfg. Co. | 111 |
| For sale and rent | 877 |
| Ford Bros. | 881 |
| Poster Lucius H. | 898 |
| Freeman Jos. R. | 882 |
| Gardens Chronicle | 898 |
| Garland Geo. M. | 903 |
| Geller Sigmund | 900 |
| Ghormley Wm. | 881 |
| Giblin & Co. | 11 |
| Glauber Emil | 896 |
| Globe Eng. Co. | 901 |
| Grand Rapids Florist | Association |
| Association | 879 |
| Gude A. & Bro. | 882 |
| Gutther Wm. H. | 841 |
| Gurney Heater Co. | 904 |
| Guttman Alex. J. | 881 |
| Hall & Jones Co. | 883 |
| Hammoud Benj. | 885 |
| Hansen Julius | 11 |
| Hart Jas. | 880 |
| Hartman Hjalmar Co. | 11 |
| Hauswirth P. J. | 882 |
| Hancock Jos. | 898 |
| Heller & Co. | 11 |
| Heller Bros. | 875 |
| Herendeen Mfg. Co. | 11 |
| Hermitage Carnation Co. | 891 |
| Herr Albert M. | 891 |
| Herrmann A. | 900 |
| Hess & Swoboda | 882 |
| Hews A. B. & Co. | 902 |
| Hilfinger Bros. | 902 |

| | |
|-------------------------|---------------|
| Hill The E. G. Co. | 189 |
| Hinode Florist Co. | 899 |
| Hoppar E. | 903 |
| Hitchings & Co. | 11 |
| Holm & Olson | 882 |
| Holton & Bunkel Co. | 878 |
| Hooker H. M. Co. | 903 |
| Horan Edw. Co. | 881 |
| Hort Advertiser | 900 |
| Hunt E. H. | 879 |
| Hylton J. E. & Co. | 895 |
| Indianapolis Floral Co. | 882 |
| Jacobs S. & Sons | 903 |
| Jennings E. B. | 899 |
| Johnson J. W. | 900 |
| Kasting W. F. | 1 |
| Keller Geo. & Son | 902 |
| Keller Pot Co. | 902 |
| Keonicoit Bros. Co. | 883 |
| Kervau Co. The | 880 |
| King Construction Co. | 111 |
| Knapp Chas. A. | 898 |
| Kohr A. F. | 902 |
| Koppelman F. L. & Co. | 900 |
| Koral Mfg. Co. | 900 |
| Kramer I. N. & Son | 902 |
| Kreidler C. S. | 900 |
| Kreshover L. J. | 880 |
| Kroeschell Bros. Co. | 904 |
| Kuehn C. A. | 898 |
| Kuhl G. A. | 895 |
| Lager & Hurrell | 896 |
| Lang Julius | 881 |
| Langjahr A. B. | 881 |
| Larchmont Nurseries | 895 |
| Leakes N. & Co. | 882 |
| Lehman Bros. | 890 |
| Leikens | 880 |
| Livingston Seed Co. | 897 |
| Lockland Lumber Co. | 111 |
| Loomis Floral Co. | 892 |
| Lord & Burnham Co. | 11 |
| Loven J. G. | 883 |
| Mader Paul | 883 |
| May John N. | 1 |
| McCullough's J. M. | 878 |
| McKellar Chas. W. | 883 |
| Meand H. L. | 880 |
| Mette Henry | 11 |
| Metropolitan Mate- | 903 |
| rial Co. | 903 |
| Mich Cut Flower Ex | 882 |
| Millang Chas. | 841 |
| Mills The Florist | 882 |
| Moller Ludwig | 11 |
| Mosinger J. C. Co. | 111 |
| Moon The Wm. H. Co. | 890 |
| Moore Hentz & Nash | 881 |
| Mosback L. | 897 |
| Musson Greob's | 890 |
| Murchie John | 895 |
| Murdoch J. B. & Co. | 878 |
| Natl Flo Bd of Trade | 900 |
| N. Y. Cut Flower Co. | 881 |
| N. Y. Cut Flower Ex | 841 |
| Nickel Plate R. R. | 883 |
| Niesse Leo Co. | 880 |
| Palmer W. J. & Son | 882 |
| Park Floral Co. | 882 |
| Peacock L. K. | 899 |
| Peterson Nursery | 891 |
| Phila. Cut Flower Co. | 883 |
| Phila. Wholesale | Flower Market |
| Flower Market | 886 |
| Phillips Mfg. Co. | 903 |
| Pierson F. B. & Co. | 895 |
| Pierson-Selton Co. | 11 |
| Pittsburg Cut Flo Co. | 878 |
| Pittsburg Florist Ex | 878 |
| Poehlmann Bros. Co. | 879 |
| Pollworth C. C. Co. | 882 |
| Pritchard J. N. | 883 |
| Quaker City Mach Wks | 903 |
| Randall A. L. Co. | 895 |
| Rawson W. W. & Co. | 11 |
| Raynor J. L. | 881 |
| Regan Print House | 904 |
| Reinberg Geo. | 879 |
| Reinberg Peter | 891 |
| Rice Bros. | 878 |
| Rice James H. Co. | 903 |
| Rice M. & Co. | 900 |
| Robichon A. Fils | 886 |
| Robison H. M. & Co. | 885 |
| Roehrs Julius | 890 |
| Rolkar A. & Sons | 890 |
| Rossig Bros. | 901 |
| R. satter H. | 899 |
| Sander & Sons | 884 |
| Schillo Adam | 903 |
| Scott John | 88 |
| Sharp Partridge & Co. | 903 |
| Sherman Nursery Co. | 899 |
| Sheridao W. F. | 881 |
| Sievers & Boland | 882 |
| Silliman A. B. & Co. | 884 |
| Sinuer Bros. | 879 |
| Skidelsky S. S. | 895 |
| Smith Nath. & Son | 896 |
| Smith W. T. Co. | 1 |
| Smita Jao. | 890 |
| Sprague Smith Co. | 903 |
| Standard Pump & | Engine Co. |
| Engine Co. | 11 |

| | |
|----------------------|-------------|
| Stearns Lumber Co. | 903 |
| Steffens Emil | 901 |
| Steunzel Glass Co. | 903 |
| Stoohoff H. A. & Co. | 902 |
| Storrs & Harrison | 890 |
| Styer J. J. | 11 |
| Sunset Hort Design | A. Eng. Co. |
| A. Eng. Co. | 902 |
| Swayne Wm. | 896 |
| Syracuse Pottery Co. | 902 |
| Thompson J. D. Car- | nation Co. |
| nation Co. | 1 |
| Thorburn J. M. & Co. | 11 |
| Tobacco Warehouse & | Trading Co. |
| Trading Co. | 900 |
| Too e Wm. | 11 |
| Traendley & Schenck | 881 |
| Van Keef W. & S. ns | 890 |
| Vaughan's Seed Store | 11 |
| 11 | 885 |
| Vaughan & Sperry | 883 |
| Vick's Sons Jas. | 890 |

| | |
|---------------------|-----|
| Walker Seed Co. | 884 |
| Watson W. H. | 899 |
| Weber F. C. | 882 |
| Weber H. & Sons | 895 |
| Weeber & Don | 11 |
| Weiland Peter | 878 |
| Weiland & Risch | 879 |
| Welch Bros. | 881 |
| West'n Carnat'n Co. | 892 |
| Western Seed Co. | 884 |
| Whilldm Pot Co. | 102 |
| Wietor Bros. | 878 |
| Winterson E. F. Co. | 879 |
| 883 | 884 |
| 883 | 898 |
| Witthold Geo. Co. | 882 |
| Wolf Jao. | 882 |
| Wood Bros. | 898 |
| Young A. L. & Co. | 884 |
| Young John | 884 |
| Young Thos Jr. | 881 |
| Young & Nugent | 881 |

One Issue Worth Subscription.

AM. FLORIST Co.:—Please inform me when my subscription expires as I do not care to miss a single issue of your valued paper. One issue is often worth more than the subscription price.

MRS. W. F. STEVENS.

THE Regan Printing House

—Large runs of—

CATALOGUES

Our Specialty. Write for Figures.

83-91 Plymouth Place. CHICAGO.

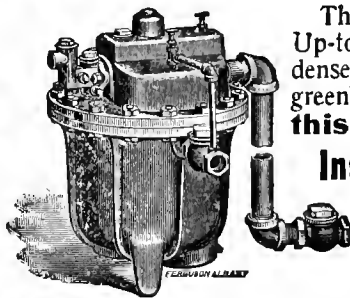
Eureka Greenhouses....

THE BEST AND LOWEST IN PRICE.

All houses erected at the factory and shipped to purchasers with blue prints, photographs and plain directions so that any person can put them up.

DILLON GREENHOUSE MFG., CO., Bloomsburg, Pa.

Steam Traps SAVE COAL



This is the Return Steam Trap used by the Up-to-date Greenhouse men to return the condensed water from the heating coils in their greenhouses. Have been in use for this purpose over 30 years.

Insures an Even Temperature.

Send For Red Catalogue.

Albany Steam Trap Co.

ALBANY, N. Y., U. S. A.

CROP INSURANCE.

Life Insurance is valuable because it guarantees the outcome.

"Gurney" Heaters

"BRIGHT IDEA," "DORIC" and "400 SERIES" do the same thing for your hothouse: THEY GUARANTEE THE CROP. First of all they save 20 per cent on the coal bill and so keep expense at a minimum. Next, they produce an even heat and so do not imperil the life of the plant. Next, they are simple to operate and so require least attention. Lastly, they wear longer than others and thus perceptibly reduce the capital invested. Don't buy or exchange until you've investigated them.

GURNEY HEATER MFG. CO.

74 Franklin Street, BOSTON, MASS.

111 Fifth Avenue, NEW YORK CITY.



"DORIC" HEATER.

THE AMERICAN FLORIST



America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."

Vol. XXIII.

CHICAGO AND NEW YORK, DECEMBER 24, 1904.

No. 864

THE AMERICAN FLORIST

TWENTIETH YEAR.

Copyright 1904, by American Florist Company.
Entered as Second-Class Mail Matter.

PUBLISHED EVERY SATURDAY BY

AMERICAN FLORIST COMPANY,

324 Dearborn St., Chicago.

Eastern Office: 429 Sixth Ave., New York.

Subscription, \$1.00 a year. To Europe, \$2.00.
Subscriptions accepted only from the trade.

Volumes half-yearly from August, 1901.

SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—PHILIP BREITMEYER, Detroit, Mich., president; J. J. BENEKE, St. Louis, Mo., vice-president; Wm. J. STEWART, 11 Hamilton Place, Room 11, Boston, Mass., secretary; H. B. BEATTY, Oil City, Pa., treasurer.

OFFICERS-ELECT—J. C. VAUGHAN, president; J. R. FREEMAN, vice-president; secretary and treasurer as before. Twenty-first annual meeting at Washington, D. C., August, 1905.

THE AMERICAN CARNATION SOCIETY.

Annual convention at Chicago, January 25-26, 1905. ALBERT M. HERR, Lancaster, Pa., secretary.

AMERICAN ROSE SOCIETY.

Annual meeting and exhibition, Boston, Mass., 1905. LEONARD BARRON, 136 Liberty St., New York, secretary.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Annual convention and exhibition, November, 1905. FRED H. LEMON, Richmond, Ind., secretary.

THIS ISSUE 36 PAGES WITH COVER.

CONTENTS.

| | |
|-------------------------------------------------------------------------------|-----|
| Notes on gladioli..... | 905 |
| A new race of gladioli (illus.)..... | 906 |
| Men who made the Lenox show..... | 906 |
| Farquhar's new Christmas lily (illus.)..... | 906 |
| The rose—Seasonable reminders..... | 907 |
| Ladies of the trade—Mrs. Mary Wurmell (por.)..... | 908 |
| Joseph Bennett (portrait)..... | 908 |
| George H. Hale (portrait)..... | 908 |
| The carnation—Carnation notes..... | 908 |
| —Bard's comments on varieties..... | 908 |
| —Propagating next year's plants..... | 908 |
| Conference of horticulturists..... | 909 |
| House of Begonia Gloire de Lorraine at Vaughan's Greenhouses (illus.)..... | 909 |
| Market gardens—Prices of indoor vegetables..... | 910 |
| —Some lettuce diseases (illus.)..... | 910 |
| The retail trade..... | 910 |
| —Floral designs at Dusseldorf exhibition (illus.)..... | 910 |
| New York..... | 910 |
| Chicago..... | 911 |
| Philadelphia..... | 912 |
| Boston..... | 912 |
| St. Louis..... | 912 |
| Washington..... | 913 |
| Baltimore..... | 913 |
| American Carnation Society..... | 914 |
| Chicago Christmas trade..... | 914 |
| Obituary..... | 914 |
| Newport, R. I..... | 914 |
| The seed trade..... | 922 |
| —Delaware badly conditioned..... | 922 |
| The nursery trade..... | 924 |
| —Western wholesale nurserymen..... | 924 |
| Our pastimes (illus.)..... | 926 |
| The allied trades—The glass market..... | 934 |

Notes on Gladioli.

Last spring I planted nearly 1,000 bulbs of the variety *Blanche*, and had it in bloom about two months, the bulbs being of various sizes. This variety was greatly admired, and in some respects it is the finest white that is well known. The plant is only of medium height, but quite stocky and well supplied with leaves. It is rarely blown over. The spike is of moderate length, and the large and beautiful flowers are well arranged and usually face one way. The variety would be more valuable if the lower flowers were not so close to the foliage, and if the petals were thicker. Of over ninety named varieties of *Childsii* that I have bloomed I consider *Blanche* the most valuable.

Next to *Blanche* was a block of over 2,000 *Augusta*. For the grower of cut flowers this is a very valuable variety. The habit of the plant could hardly be improved upon. The spike is tall and straight with a stem thick enough to furnish plenty of water to the flowers, a good number of which are open at a time. The lower flower stands well above the leaves so that a long stem may be cut without injuring the plant. The petals have good substance and are not inclined to wilt. Few side spikes are produced.

Shakespeare is a well known favorite variety that I grew with great satisfaction twenty-five years ago. In comparing it with *Augusta* this year I had to concede that it was fairly superseded by the latter, which has less color, and will produce at least five times as many bulb-lets.

May was originated by myself over twenty years ago, and named for one of my best friends. It is probably a seedling of the *Eugene Scribe*, as it resembles that excellent variety in every way except that it is very much lighter, so much so that it is often classed as white. Some ten years ago I noticed that some plants produced flowers with so much color that at a distance they would be called pink. There have been the two shades ever since. *May* is a vigorous grower and produces many bulb-lets. It has many side spikes, and, unlike nearly all other varieties, bulbs three-fourths of an inch and under rarely bloom.

Isabel is one of a large number of seedlings that I raised from fourteen ounces of hand-fertilized seed produced by Mr. Groff in 1894, the first lot of seed he ever raised and the only lot he ever sold by the ounce. The *Isabel* is evidently a pure *Gandavensis*, and all the more valuable

on that account. It is so nearly pure white that no color can be detected except a faint suggestion of crimson at the bottom of the throat. I sold the entire stock except a single bulb three years ago to a man who knows a good thing. While it is a healthy, vigorous grower and produces plenty of bulb-lets, it may not be offered for a long time. It is far the best white I have seen.

Princeps has bloomed here two years and I am confident that it will become popular. The large size of the flower and its rich, scarlet color will commend it, notwithstanding the fact that it is able to support but few open flowers at one time.

Bertha was raised from seed by myself about twenty years ago. It is flame-colored with a purple throat, and is among the most conspicuous in the field. One or two spikes of it will give character to a large bunch of other kinds. It is preferred by the black blister beetle to all others, and I generally leave it uncut as a bait for this pest. It is a *Gandavensis*, a good grower and produces plenty of bulb-lets.

Merceria was raised from seed and named by myself. It has been exhibited before the Society of American Florists a number of times as Seedling No. 1. It is a *Gandavensis* and rather a dwarf grower. It has a straight, well formed spike and has always been considered one of the most beautiful ever produced. The color is cherry with a conspicuous white blotch on the lower petals. This variety is the parent of some of the finest seedlings ever produced. The main stock of the *Merceria* is in the hands of the Cushman Gladiolus Company.

Margaret is a seedling of the *Merceria* and has been thought by many to be the finest in my collection. It is very large in all its proportions without being coarse looking. It has a great number of mammoth leaves and produces immense spikes which are always straight and attractive. The flowers are very large, not at all crowded, of a rather light shade of carmine with a white blotch on the lower petals. There is a blending of the colors that is beautiful and quite uncommon. I lately sold the *Margaret* to Vaughan's Seed Store.

Winifred is also a seedling of the *Merceria*. It differs from its parent in being a more vigorous grower and having a much lighter color—light scarlet with white blotch. The spike is always upright and the flowers so arranged as to make the spike taper from bottom to top. There are about eight flowers

open at a time, and it is a most showy and beautiful variety.

Mrs. Crawford is a *Gandavensis* seedling of my own and was so much admired that a gladiolus specialist who saw it when there were but three or four bulbs in existence said it it were his he would not sell them for their weight in gold. It is a tall, healthy grower, towering above most other varieties. It has one fault which is more pronounced when grown on rich soil—it makes a good many crooked spikes. The spike is very long, with usually from ten to thirteen large, open flowers. At a little distance it would be called buff, but the flower is really a cream color with fine, light scarlet lines at the edges of the petals. C.

A New Race of Gladiolus.

At meetings of the Royal Horticultural Society of England, held last year, a private gentleman, W. C. Bull, of Ramsgate, exhibited some very fine examples of gladioli. They attracted universal attention, and some forms received an award of merit. The one represented in the accompanying illustration gives a good idea as to the general character of the spikes. It was named *Ellington Belle* and the individual blossoms were about five inches across, being of a soft creamy yellow in color, slightly flaked with crimson on the edges. The symmetry was perfect, and the petals were of great substance. One called *Phyllis* also received an award of merit. Mr. Bull tells me that he has been working on the white and yellow varieties of the best strains for the past seven years, and his chief aim has been to produce flowers showing good constitution, boldness of outline, purity of color and great substance of petal. That he has succeeded is evident from the honors he has received the first time of showing. W.

Men Who Made the Lenox Show.

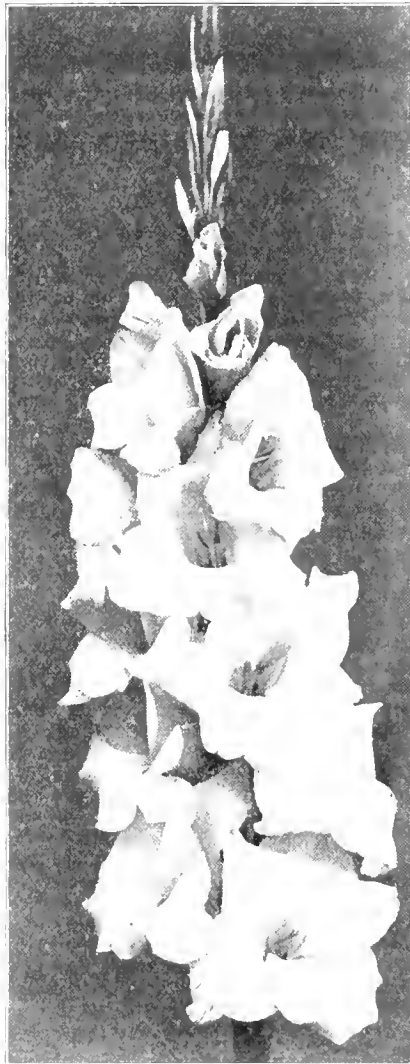
Of all the chrysanthemum shows visited this year that at Lenox, Mass., stands out as the most complete and up-to-date. In size it could not be compared with those at Boston, New York or Philadelphia, but for quality it equaled them. In fact there wasn't a first prize lot of anything at Lenox that would not have received a first prize at any of the shows mentioned, and the groups of plants and orchids were ahead of any seen elsewhere. In view of this fact, it might be of interest to the reader to know something of the men who were chiefly instrumental in bringing this about.

Edward Jenkins is president of the Lenox Horticultural Society, and was unquestionably the most successful exhibitor at the recent show. He took the first prizes for chrysanthemum plants, for cut chrysanthemum blooms, for the best arranged group of foliage and flowering plants, for ferns, for orchids, roses and carnations, for indoor fruits and vegetables, covering the whole of the schedule. Many men can win with a specialty, but few can enter creditably for everything and make such a showing. Such a man can honestly be termed an all around gardener.

Mr. Jenkins is a student of plant life, and is thoroughly in love with his calling. Half an hour spent in his company is never lost. He seems to be able to impart to others the enthusiasm which his own soul possesses. He has his own methods of doing things, and is always willing to explain the "why and the wherefore" to

anyone. He is democratic to a degree, and most unassuming.

Mr. Jenkins was born in Shropshire, England, about thirty years ago. At the age of 12 he had to go to work and help support his family. His is the old story of surmounting difficulties by sheer pluck and perseverance. In England he served in such places as Barford Lodge, the home of Sir Trevor Lawrence, and with Lord Renlesham and the Duke of Sutherland. He has been in this country ten years, and for the last seven years has been head gardener to Girard Foster. Mr. Foster's is one of the finest places



Gladiolus Ellington Belle.

in Lenox and has largely become so through the work of Mr. Jenkins. Any one visiting the place will be fully rewarded and may be assured a hearty welcome.

Fred Heeremans is the vice-president of the Lenox Horticultural Society. He also was a very prominent and successful exhibitor at the recent show. His plant and orchid groups were exceptionally well put up. He was a prize winner in many sections. Mr. Heeremans is a native of England. He served an apprenticeship at Elstree, Hertfordshire, Lord Aldenham's place. He also worked with Sir E. Lawrence, at King's Ride, Ascot, and was head gardener for Lady Isabella Keane, Rosemount, Ascot, before coming

to this country. Here he has worked under Jas. Blair, Staatsburg, N. Y., on the estate of Ogden Mills; also as assistant gardener on G. H. Morgan's place at Lenox. Mr. Heeremans has under his charge one of the finest ranges of private greenhouses in this country, and will no doubt be much in evidence in the future. He is head gardener at Elm Court, Lenox, the home of W. D. Morgan.

S. Carlquist, the treasurer of the Lenox Horticultural Society, has been head gardener to R. Winthrop, Lenox, for several years. He was a successful exhibitor at the recent show in the fruit, vegetable and cut flower sections. Hitherto his greenhouse space has been limited, but the Pierson Sefton Company is now engaged making further additions, and we will no doubt hear more of him as time goes on. He was born in Sweden, served an apprenticeship and worked in several places around Gottenburg before coming to this country. Here he has been employed in such places as W. A. Manda's, Orange, N. J.; G. E. Brown's, Bellport, and at Shadow Brook, Lenox, when A. S. Stokes occupied it. He has been with Mrs. Winthrop for several years.

A. J. Loveless, head gardener to John Sloan, has also been a prominent member of the Lenox society for some time. His table of orchids at the recent show won the first prize and was unquestionably one of the finest ever put up. He also won many prizes in the other sections. Mr. Loveless is a native of Bristol, England. He commenced working in gardening early in life and was a head gardener by the time he reached his majority. In this country he served as assistant in some well known places, notably at W. D. Dinsmore's, Staatsburg, N. Y., and G. H. Morgan's, Lenox. John Sloan's home is a beautiful place, due in great part to Mr. Loveless' able management.

Wm. Woods, gardener on the Bishop estate at Lenox, was also one of the successful exhibitors at the recent show. Mr. Woods is chiefly known as an enthusiastic lover of hardy herbaceous flowers. He has under his care one of the finest collections of herbaceous plants in this country, and is always delighted to show any interested person around. He is thoroughly versed in botany, having received the various certificates of the London, England, science and art departments for this subject. Scarcely a meeting of the Lenox society takes place that Mr. Woods does not exhibit some of his collection, and his enthusiasm has been the means of awakening much interest in herbaceous plants around Lenox. Mr. Woods was born near Manchester, England, and served an apprenticeship in Harrison's Nurseries, near that place. He also worked in private places in his native country. He spent several years in Canada and has been in Lenox for some time. TRAVELER.

Farquhar's New Christmas Lily.

At the fall exhibition of the New Bedford Horticultural Society, New Bedford, Mass., R. & J. Farquhar & Company, of Boston, exhibited several vases of their new Christmas lily. This certainly is a grand thing and is sure to cause a sensation in the lily business. Mr. Farquhar says: "The bulbs, when received from the Philippines, are in no condition to be put on the market. We have, as it were, regrown the stock, and now have healthy, vigorous bulbs. The virtual point is that

the bulbs go on increasing and improving, so that stock once acquired will not have to be renewed every year like *Harrisii* and *longiflorum*. They have been continuous bloomers so far, but will no doubt want a rest like others of this family. The bulbs planted on the bench in May showed buds by the first of July. Flowers were picked about the last of that month, and the same bulbs have continued to bloom since."

The foliage is very narrow, about 1 1/4-inch wide, and ten to 12 inches long. The stems are thin and wiry, not as thick as an ordinary pencil, but they hold the flowers erect. The stronger stems throw three and four flowers, but the majority throw only one. However, the bulbs continue to throw up stem after stem and several at a time, so that compensates. The flowers are pure white and more trumpet-shaped than the ordinary lily, and they diffuse a delicate gardenia perfume which fills a room, but is pleasant rather than oppressive. The flowers measured 7 1/2 inches across and 10 to 12 inches long.

They were first discovered by a soldier, who in turn informed the Messrs. Farquhar, growing about 6,000 to 8,000 feet above the sea level in one of the most remote and dangerous of the Philippine islands. The inhabitants are mostly cannibals, so that the work of collecting bulbs was somewhat more exciting than the ordinary daily routine of horticultural pursuits. An Irishman has said: "It is a bad wind that blows nowhere." Perhaps this discovery itself will compensate Uncle Sam for the price he paid to Spain. THE TRAVELER.

THE ROSE.

Seasonable Reminders.

A few timely suggestions to the rose grower at this time may help him to a certain extent to get the plants in a condition to withstand the extra work required of them until the longer days are with us again with more sunshine. It is a well known saying that roses that have been pulled through the trying months of November and December in good shape may be counted on to be productive during the balance of the season, which is very true. To keep them in a growing condition, gradually preparing them for the dark days and severe cold weather, will require all the skill and attention we can give them.

An even temperature must be maintained day and night, gradually opening the ventilators, an inch at a time, as the temperature rises in the morning, and closing them as carefully in the afternoon. A crack of air left on at night in ordinary weather, where a little steam is required also, will keep the young growth firm and add color to the buds, whereas a house tightly closed and the temperature running a little higher than normal will quickly soften the growth, leaving the house in just the condition for mildew.

The temperature of the houses should be allowed to run up to 70° before syringing. Syringing with the temperature at 60° or below often gives the plants a severe check, causing them to drop their foliage and the buds to droop in the middle of the day, at times remaining in that condition until cut. Keep the plants carefully tied and disbudded. Pruning is seldom required in midwinter, as the plants require all the growth they may make for the next two months.



FARQUHAR'S CHRISTMAS LILY.

(*Lilium Philippense*.)

In watering do not let the soil at the bottom of the bed or tables get too dry, which is likely to happen where the pipes run directly under them; at the same time the soil on top may be wet enough. It is often necessary to dig down to the bottom of the beds in order to get at the condition of the soil. Allow the soil to become a little dry, then give them a thorough watering, first going over the driest places; the soil will then be watered evenly throughout the house. Considerable time is required each day to get at the condition of the soil, but it is time well spent. The chief cause of failure can usually be traced to careless watering or ventilating.

Houses that have been planted in June have had during the fall, perhaps, a light mulch of some kind. If not, a top dressing of pulverized sheep manure or thoroughly rotted cow and horse manure, mixed well, will be of great benefit; one part bone flour to three or four parts finely sifted soil, well mixed, is also an excellent feed and is sometimes necessary where bone has not been added in preparing the compost. Mixing the soil with the bone adds body to it and also prevents a waste of the bone which, without the soil, makes lots of dust over the plants and considerable is lost through the cracks at the sides of the beds while

watering. Of course the soil can not be stirred now without disturbing the roots; the mulch will answer a double purpose, furnishing a little nourishment and keeping the soil in fine condition to take the water just enough. Mulching to barely cover the soil is sufficient and is better applied often in small quantities than to mulch heavily, making it very difficult to water properly. After the soil has become full of roots and the plants are good and strong, weekly applications of manure water will help them wonderfully. Use it rather weak at first. If the plants are in the proper condition the soil will dry out quickly after applying the liquid; on the other hand, if it remains soggy for several days the plants will not be benefited as there is not enough root action to absorb the extra feed. Changing the liquid feed as often as possible is very essential. If the soil is sour or full of worms try watering thoroughly with lime water; one peck of slacked lime to fifty gallons of water will be found about the proper proportion. All liquid manures give the best results if used on bright days, and never apply when the soil is extremely dry.

Keep on the lookout for red spider. Syringe just as carefully as if you were trying to get rid of them and they will not make their appearance. A little sul-

phur should be kept on the pipes constantly. Do not fumigate heavily; the green fly can be kept under control easier with less injury to the flowers by a light smoking done at least once a week.

Of course we all try to have a lot of



Joseph Bennett.

President Montreal Gardeners' and Florists' Club.
(See page 913.)

stock for the Christmas rush, but that should be no reason why we should run the houses at from 90° to 100° to get a quantity. The quality will not be there and the plants will be perhaps for weeks practically at a standstill. Do not keep back the stock until it loses color and freshness and then rush a lot of it in at the last minute. The store man may have troubles of his own about that time and the fancy prices you may have been figuring on will surely fail to materialize. Get right after the little details systematically, it is the small things that count. If a thing needs doing to-day do it to-day, tomorrow you will find other things to attend to. E.

Ladies of the Trade.

MRS. MARY WURMELL, INDIANAPOLIS.

Mrs. Mary Wurmell has been connected with the retail flower business almost all her life. About eight years ago she came to Indianapolis from Peoria, Ill., and, with the exception of a short time, has since managed the flower department of Huntington & Page's seed store. Never tiring and always good humored, she holds the esteem and confidence of her employers as well as of her large circle of customers and, as purchasing agent for her department, she has earned the respect and friendship of the wholesale trade. Mrs. Wurmell ranks high as a decorator. One of her latest achievements, highly praised and admired by many, was the table and hall decoration of the annual convocation of the Mystic Shrine.

CHAMPLIN, MINN.—Irving Kimball is completing a new greenhouse 16x60 feet which will be used for pansies.

BURLINGTON, VT.—A. J. Taylor's retail store was flooded December 13, by the bursting of a large water main and many plants were damaged.

THE CARNATION.

Carnation Notes.

R. C. Pye, of Nyack, N. Y., is growing some of the new seedling, Senator Crane, for E. Dolby, Dalton, Mass., the originator. It is a large, pleasing bright pink.

Prosperity is not behaving as well as usual with Lenox growers. They think as a variety it is going back.

Flamingo gives satisfaction as to color, size and stem, but is not as early or as free, so far, as desired.

Euchantress is in general good favor and no objection is made as to keeping quality, properly cut.

Bard's Comments on Varieties.

In a recent interview R. H. G. Bard, of the firm of Bard & Davis, Syracuse, N. Y., made some practical comments on varieties of carnations, which are given here as near as possible in his own words:

Lady Bountiful.—A beautiful white and the most profitable and best he grows.

Harry Fenn.—This maroon is all that can be desired in its class and is a good seller. Mr. Bard will grow more another year.



Mrs. Mary Wurmell.

The Queen.—This is a profitable white carnation, a quick grower and early. It is rather a cropper, which Lady Bountiful is not, and it produces quite a percentage of inferior flowers. The stem is not as strong as that of Lady Bountiful.

Estelle.—A good scarlet, lacking in length of stem, is early and a profitable variety. Its keeping qualities after it is cut outclass those of any other variety.

Enchantress.—Undoubtedly the most wonderful carnation grown by the firm. The stems are two feet high and the flowers are four inches in diameter. It is of a salmon color.

The Marquis.—A good carnation in its day, but Fiancee will supplant it.

Governor Wolcott.—This is a good variety with long stiff stems but a one-cropper for winter time. The flowers take too long to develop to be in the race with the others.

Lawson.—This has been spoken so well

of that it hardly needs any description, but its color and formation of flower does not meet the eye and taste of Syracuse carnation growers. The firm will not grow any larger quantity next year.

A. J. B.

Propagating Next Year's Plants.

Propagating the new stock for next season is an important work and should now receive attention. The first thing to consider is a suitable bench for propagating purposes. Nearly all large carnation specialists have a house especially devoted to propagating; not the old style propagating house, facing north, but one built on the same plan as those used for growing carnations. It is fitted with brick bottom benches and blinds for shading the cuttings and the necessary bottom and overhead heat to attend to the work. But a big majority of the florists throughout the country have not this at hand and must utilize the best space at their command.

For the next month or six weeks the sun will not have much power, and this is the best time for propagating carnations, but during this time the propagating bench should not be situated so that it gets the full glare from the sun unless a means is provided for shading the cuttings. The best way to provide shading is to use thin muslin strung on wires about a foot above the cuttings, so that it can be spread out or closed up as necessity demands.

Another important thing is to select a bench where the proper temperature can be maintained. Carnation cuttings can be rooted in quite a wide range of temperatures. But if given too low temperature it is a very slow process and when a very high temperature is maintained the cuttings are weakened and there is greater likelihood of loss from dampening and fungi. The best temperature to turn out a successful batch of cuttings is a bottom heat of 56° to 58° and an overhead temperature of 54° to 56°.

Choose a clean, coarse sand, without any signs of clay or dirt in it, then pound it until it is good and firm, about four inches deep; but before putting it on the bench make sure that the bench has been properly washed out and given a coat of lime wash. Also, see that the bottom is



George H. Hale.

President-elect Monmouth Horticultural Society.
(See page 913.)

secure to prevent the sand washing through.

In selecting the cuttings choose only those from healthy plants. Do not take them too young and soft nor too large. The best cuttings to take wherever it is possible are the side shoots that sprout out from the flowering stem. They will need to be trimmed a little before being

been read—they are in the right direction. I was especially pleased with the suggestion in Mr. Falconer's paper of reaching the coming generation in the school children. I have had a little experience of that kind in my own town. Seeds were bought in large quantities and distributed among the school children, who paid for them by 2 and 3 cent contribu-

for everything. I can remember the time when the national florists' association started with twelve members. Now they are numbered by the thousands and it is marvelous the advancement we have made in the line of floriculture.

As said by my friend who spoke last, there is a great mistake made in this hall in my opinion. I mentioned only a few days ago that the floral hall there is simply built with the idea of attaining the outline of the architectural design, when the building should have been made for the growth and cultivation of flowers. These things can never be brought about unless there is some head-center to which you will look for attention in that line and to lend every aid in the forming of the right kind of structures for that kind of business.

BY J. C. VAUGHAN, CHICAGO.

Chief Taylor has well said to you that the public press is ready and anxious to exploit matters in horticulture and floriculture. They recognize the public interest that exists to-day in these arts, and from some experiences of my own I am confident that the secretary of the Council in Horticulture could, with the aid of the active members of the council, prepare for publication many items new and interesting that would be readily printed by thousands of newspapers in this country to the great benefit of our members everywhere, florists, nurserymen, seedsmen and fruit growers, in fact all engaged in horticulture in any way.

The officials of many of our national societies, such as that of seedsmen, florists, nurserymen, pomologists, etc., have long recognized the fact that the annual three days' reunion is altogether too small for the proper carrying forward of the yearly work of their organizations, and have felt, when giving up office after having served for a year, that the work had not been carried on or developed as it could and should have been. Therefore, it would seem that a horticultural council, which could meet, say quarterly, with whom could meet the leading officials, two or five in number, of each of these prominent national societies, would give much permanent life and vitality thereby to horticulture generally, and at the same time add something of permanent value to the work of each of these separate societies.

put into the sand, but do not be too severe with this part of the work. It is not necessary to be severe and does more damage than good. Make sure that the bottom of the cutting has a clean cut and is not left with a hard end on it. Then just nip the tops slightly. They are then ready for running into the sand.

In running the cuttings in have all the rows as straight as possible, also the bed, as even as it can be made. Label each variety plainly and date each label so that you can readily tell just how long the cuttings are taking to root. After the cuttings are in the sand they should receive a thorough watering to settle the sand well around them. Then the results will greatly depend on an even temperature and paying strict attention to keeping the sand in the proper condition.

The thorough watering given when the cuttings are put in will last them for several days, except to syringe them lightly about every other day. After they commence to root they should receive less water still to enable them to make good, thick roots. Too much water at this time will also cause considerable rotting. Some of the quick growing kinds with small grass need not be propagated quite so early as this but varieties with heavy foliage, like Mrs. T. W. Lawson, which are rather slow in making a good sized plant, should be attended to without delay.

C. W. JOHNSON.

Conference of Horticulturists.

We present herewith additional addresses given at the conference of horticulturists, St. Louis, Mo., November, 10, 1904:

BY J. D. CARMODY, EVANSVILLE, IND.

I am not conversant enough with the topic to stand out bright and prominent in such a place as this, especially as the really horticultural people are here who have spent a lifetime in their business and who know more about horticulture in one moment than I ever will in the few years which are left to me. I can only say in regard to the papers which have

tions. Small premiums were offered for cultivated plants to be exhibited in the fall.

Again arbor day in our school is a very important day and people who have made some arbor study and who are posted in the science of the arboretum, have been called upon on arbor day to address the children upon that subject. Your humble servant was requested to attend several schools on arbor day and address them on the subject of planting trees and the usefulness of such a duty. I told them what I knew of the peculiarities of trees and interested the children as best I could in that direction.

I think the suggestion of forming a national horticultural organization is a good one. There is nothing that can be attained of value except by gradual approaches. There must be a beginning



AUDITING THE WORLD'S FAIR FLOWER SHOW ACCOUNTS.



150-FOOT HOUSE OF BEGONIA GLOIRE DE LORRAINE AT VAUGHAN'S GREENHOUSES, WESTERN SPRINGS, ILL.

Again, co-operation is needed with societies for civic improvement and outdoor art, which are springing up spontaneously in our better cities and towns all over the country. These people need much of horticulturists and will be glad of their aid. Another matter which can well be considered by such a council is the renaming in this country of imported plants. It is well known that the Society of American Florists has, through its nomenclature committee, acted as a great check to the reckless seedsmen or plantmen who some years ago were sending out varieties under false names. Some such action in a national way is now needed.

MARKET GARDENS.

Prices of Indoor Vegetables.

The prices of mushrooms at leading points last week were as follows: New York, 10 to 40 cents per pound; Philadelphia, 50 to 60. Greenhouse cucumbers at New York, 60 to 90 cents per dozen; Cincinnati, \$1.25 to \$1.40; St. Louis, \$1 to \$1.25. Boston lettuce at New York, 25 to 40 cents per dozen. Greenhouse tomatoes at Buffalo, 25 to 30 cents per pound.

Some Lettuce Diseases.

Some diseased specimens of lettuce recently received were so dried up that it was impossible to determine exactly what was the matter with them. They were probably attacked by the "drop"—*Sclerotinia Libertiana*—a vegetative form of fungus which produces no spores, but lives in decaying vegetable matter and is very destructive to young lettuce plants. It is characterized by a white cottony growth, the mycelium, which forces its way into the stem near the surface of the ground and spreads until the lower parts of the plant are infected, so that it collapses and dies. Interspersed in the mycelium are small black bodies, called sclerotia which are the reproductive organs. The disease will spread rapidly throughout a bed after it gets a foothold. The only remedy known is to sterilize the soil before using, thus killing the fungus. It often affects mature plants, rotting them and causing them to "slump" down.

Seedlings are also subject to attacks from rhizoctonia, a damping off fungus, sterile in nature, propagating by bits breaking off and continuing the growths; and from a botrytis rot (*Botrytis cinerea*) appearing as a gray mould, with dark colored filaments covered with spores. It produces black spots on the stem under ground and causes the lower

leaves to rot and fall off. In appearance it resembles the drop somewhat but as the treatment for drop, rot and rhizoctonia is the same, the precaution of sterilizing the soil before using to a depth of three inches will keep away trouble.

The maturing plants are subject to the drop and botrytis if grown in unsterilized soil, causing the under or inner leaves to decay, and also to a downy mildew, and to top burn. The mildew *Peronospora gangliiformis* is in appearance a white pubescence, on the lower surface of the leaf, causing it to turn yellow and flabby, finally decomposing it. It may be brought on by several things, as too high a temperature at night, 40° being sufficiently high; lack of proper food, too much moisture, sudden changes of temperature, no change from night to day temperature, or too little light, a cold wet soil or, in fact such conditions as prevent a vigorous, rapid, healthy growth. It can be destroyed by evaporating sulphur in the house.

Top burn or leaf burn is characterized by a wilting or deadening of the outer parts of the leaves. It is caused by a too high temperature, too dry air, or lack of water. It is a drying up of the cells of the leaf from too rapid evaporation of water. Rot and drop in older plants is facilitated by too warm or close air, heavy compact soil, too much water, or from heavy top-dressings of manure. It is obvious, therefore, that the treatment should be in the nature of prevention. This means giving the crop the environment best adapted to a vigorous and unchecked growth.

FRANCIS CANNING.

Trade Notes.

In a recent decision on protest of H. Bayersdorfer & Company against the assessment of duty on natural leaves, dyed or painted, and wreaths made up from such leaves, the board of general appraisers decided that the goods has been properly classified as manufactures of grass.

A. Robichon, Fils, Olivet, Orleans, France, was awarded a silver medal for his exhibit of roses at the World's Fair. John Scheepers, New York, is the firm's American agent.

The J. D. Thompson Carnation Company is mailing catalogues under the new postal regulation permitting the use of the mails for such matters without stamps.

URBANA, O.—The greenhouse of Samuel E. Carey was totally destroyed by fire December 10, with a loss of \$2,000 and no insurance. The boilers became overheated setting fire to the plant.

THE RETAIL TRADE

FREQUENT changes in show windows help holiday trade. Another is now in order for New Year.

MANY complain of the low prices at which Christmas bells have been sold by the department stores.

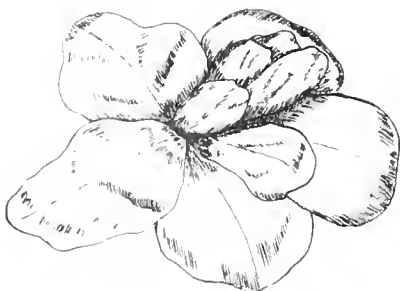
Floral Designs at the Dusseldorf Exhibition.

Figure 1 represents a fancy arrangement in the shape of a spinning wheel. The wheel itself is formed of *Hydrangea paniculata* set off with tuberose and roses and various shades of cut green. Designs of this kind are usually sent to people who are going into a new home. The arrangement was carried out by Otto Bolliger, of Dusseldorf.

Figure 2 leads us to what is called a yellow chrysanthemum exhibit. This particular exhibit was arranged solely with yellow chrysanthemums and other yellow flowering blooms and was intended to do away with the prejudice against yellow colors. There is some reason to believe that the object has been at least partially attained. The public was charmed with the effect and yellow flowers since then have been looked upon from a much more favorable point of view. The flower arrangement shown in the picture was by Joh. Mortensen, of Hamburg.

New York.

Stock is not arriving freely this week, and in the face of short supplies the market clears up along all general lines. Prices have a tendency to increase, but there is not a definite advance except for occasional sales of the very finest grades. The average figures are about the same as last week. Special American Beauty roses have been sold at good prices, but other grades remain stationary at the slight advances already quoted. A succession of heavy snow storms has shortened up the supplies of many lines and helped to save the condition of the market. Heavy arrivals would have overstocked the dealers. Violets are moving slowly at smaller prices, although the supply is shorter. Carnations are doing well and clear up each day. The growers are holding off for the holiday trade. Plants are beginning to arrive, but the condition of the weather has made the hauling over the roads a serious problem and the stocks are held back perforce. As these notes are written (December 20) the weather appears to be promising clearer and the plants may be expected to come in freely as soon as the growers can handle the problem. Orchids are



Sclerotinia Drop.



Top Burn.
SOME LETTUCE DISEASES.



Botrytis Rot.

slow sellers, except cypripediums, which move fairly well. English mistletoe has arrived in finely berried samples and is sold easily at good prices. One seed store filled an order for shipment to Cuba. The holly offered is not up to the quality of the mistletoe. Christmas greens are doing as well as can be expected at this time, but the coming week will have the rush of the trade.



Floral Designs at Dusseldorf.—Fig. 1.

Allred H. Langjahr nearly missed his Santa Claus booking this year. Mrs. Langjahr, while making her Christmas purchases, dropped her hand bag containing the wherewithal for purchases, but it fell into honest hands and two days afterwards was returned to her. It is needless to say that a handsome box of flowers left Twenty-eighth street for the finder.

Anton Shubert, of North Bergen, N. J., is sending in large quantities of small ferns, which are a specialty with him, and meet a holiday demand. He is planning to tear down six of his greenhouses next spring and to replace them with three up-to-date structures.

The Llewellyn Japanese Nursery Company, of West Orange, N. J., has opened a store temporarily at 15 West Forty-second street and is showing a line of Japanese plants suitable for the holiday trade.

Julius Roehrs is suffering from a serious attack of bronchial pneumonia. From last reports he is holding his own and there is a slight improvement in his condition.

James Hammond is receiving his stock of fruited orange trees for the Christmas trade. It is usual for him to move about a thousand of them during the festive season.

The Limprecht Florists' Supply Company has opened a branch store for holiday trade at 38 West Twenty-ninth street.

The Kervan Company has been handling a generous quantity of small spruce trees, and they have moved well.

T. Young, Jr., has a holiday effect with holly and poinsettias.

Young & Nugent have a fine window decoration of *Ardisia crenulata*.

Chicago.

The Christmas holiday rush is on in full force and indications point to one of the liveliest seasons in years. The trade is remarkable in more ways than one. The demand was never better and it is seldom that such satisfactory prices are secured for practically all grades of stock. The supply is all that could be wished for, despite a comparative shortage in some of the better grades of roses and colored carnations. American Beauty roses are in ample supply, and promise to hold out to the end, in medium lengths. The longest stemmed grades are the ones most in demand and they are likewise the shortest in supply. A feature of this holiday business is the almost exclusive call for the best grades in every line. The prices do not seem to enter into consideration with the buyer who cries for the very best the market affords. There is a strong demand for colored carnations, as usual, and it is this kind of order which will vex the commission man most. There are myriads of white carnations about, but they are but a little factor until everything is cleaned up. The quality of the carnations as well as the roses shows exceptional class. There will be a few chrysanthemums in the market—all ordered, however, weeks ago. Hudson River violets are being secured, which stand on their quality and size of bloom for a stiff price. There will be plenty of them available when the hour comes. Bulbous stock while not in a glut, is in strong supply. It hangs fire, however, and will not be much of a factor for Christmas. Harrisii and calla lilies are not over plentiful, but of very good quality and indications point to a cleaning up in this line. There is no lack of miscellaneous plants, azaleas, hydrangeas, aucubas, etc., for which the retail trade reports a fine call. Shipping has commenced and the stock sent out is of a kind which will not call for many kicks, uniformly good. Last week's prices prevail, some dealers, however, having advanced a step on fancy carnations.

THE GREEN SITUATION.

This week has witnessed a pinch in the holly trade as intimated in our former issue. There was practically no fancy holly on sale and that which was avail-

able being such as in an ordinary season would be called unsalable. This stock sold at from \$4 to \$5 per case. Dealers who had choice and fancy holly were using it exclusively on back orders which their customers had booked early in the season. If any fancy had been available it could have been sold at almost any price probably \$7 or \$8 per case. Some lots we hear of arriving by express.

Bouquet green in bulk has been sufficient to go around and prices will close at about the same they held the past three weeks, \$5 to \$5.50 per case. Bouquet green wreathing is in ample supply. Laurel has never been a factor in this market, small lots only being handled. Mistletoe is good this season and in good supply at ordinary prices.

Ludvig Mosbaek has sold his greenhouses at 8500 Anthony avenue, this city, to John Westri, and he will hereafter conduct his business from Onarga exclusively. He recently completed five new modern construction houses at his place in Onarga, which are heated with a Kroeschell boiler. Mr. Mosbaek reports that the fall shipping of pansies has been unusually heavy and is yet in full blast in Texas, Florida and other southern points. There is already considerable demand and inquiry for young bedding stock and the prospects are very good for the coming season.

Captain Herman Scheunemann, of the Northern Michigan Evergreen Nursery, whose boat is at the foot of the Clark street bridge, is rapidly disposing of loads and loads of Christmas trees and greens. He reports the demand greater than for several seasons.

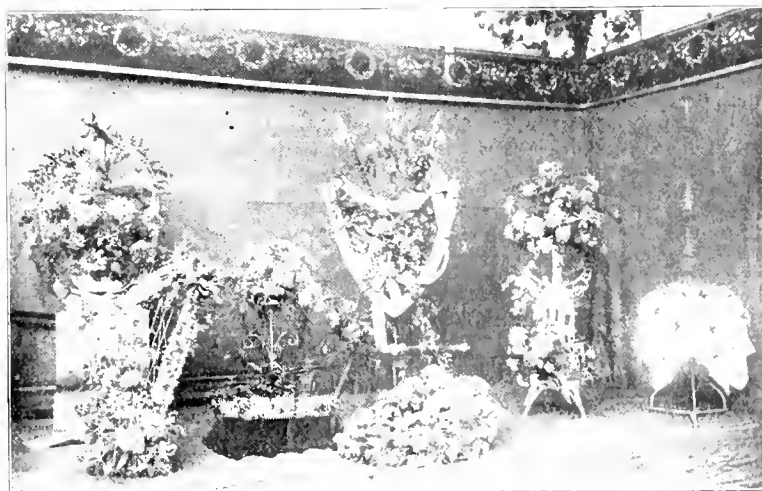
Bentley-Coatsworth Company has received a big crop of seed of the new Bentley asters from the firm's New Castle place. The new varieties have made a hit judging from the orders for seeds.

E. F. Winterson Company's supply department is taxed to its fullest capacity these days. A large force has been working several weeks on wreaths and made up garlands of holly and greens.

The George Wittbold Company is well stocked up with flowering and decorative plants for the Christmas demands. Made up twig baskets and pans of plants will be popular.

Bridesmaid roses at Wieter Brothers seem to be impressed with the solemnity of the holiday occasion and are doing nobly. The other teas are also in good supply.

A. L. Randall Company counts among its Christmas specialties good quality of



FLORAL DESIGNS AT THE DUSSELDORF EXHIBITION.—Fig. 2.

Hudson River violets, for which there promises to be a heavy demand.

The Growers' Market management predicts one of the best holiday seasons in years. All the stall holders have all they can do to stay with the orders.

The infant child of Gustave Alles, of Wietor Brothers', died last week. The sympathy of the trade goes out to the bereaved parents.

Orchids, although comparatively scarce, are being received from the east daily by Charles McKellar, who is booking heavy orders for Christmas.

Alderman Johnson favors flower beds at the city bridewell, saying the inmates can produce the flowers for hospital distribution.

Mrs. J. T. Anthony writes wishing the numerous friends of her late husband in this community the compliments of the season.

W. B. Lambert, formerly of this city, is now in Toronto, Ontario, where he has taken charge of the College Flower Shop.

Leonard Kill and Archibald Spencer, of Peter Reinberg's office and shipping rooms, are too busy to talk this week.

Emil Buettner, who has been quite ill for some time past, is now able to be about and is improving rapidly.

Violets, both single and double, will, as usual, be one of the specialties of Kennicott Brothers' Company.

Chief Taylor, from St. Louis, spent Monday and Tuesday in the city.

Visitors this week were H. W. Buckbee, Rockford, Ill.; C. H. Woolsey, Rockford, Ill.; Mrs. A. L. Glazer, Dubuque, Ia.

Philadelphia.

The Christmas rush promises to equal if not exceed that of the last ten years. Everybody appears to have as much as they can attend to even with their increased force of employees. The stores are all bountifully decorated, their wealth of red wreaths and bells making a great show. Made up baskets, hampers and pans of poinsettias are much in evidence, some of the creations being very pretty and should sell rapidly. W. K. Harris has sent in a great variety of made-up pans, not a few of which contain well berried Jerusalem cherries. They are very effective at first sight and if the berries only hold they could not be improved upon as a Christmas specialty. The cherries are surrounded with ferns, pandanus, crotons, dracenas and other foliage plants. There are a number of choice azaleas, very well flowered for the season, which appear to be selling well. All the stores have a lot of the Buttercup primulas from Harris. Begonia Gloire de Lorraine is seen in good shape and it appears to have been grown cooler, the stock having a more sturdy appearance than usual. Aucubas are a part of all the stock, and they have a Christmas look with their wealth of red berries. The stock of cut flowers promises to be equal to the demand with the exception possibly of American Beauty roses. After the experience of last year, when the market was cleaned up so thoroughly the day before Christmas, it is hard to predict that it will not happen again. Prices on all stocks will probably range about the same as last season.

The Leo Niessen Company has a great rush on, having received large shipping orders. These, together with the local trade, will be handled by a largely increased force and be "on time," which guarantee goes with each order.

The Philadelphia Wholesale Cut Flower Company people say they have all they

can attend to and expect to clean up thoroughly all their stocks.

Manager Meehan, of the market company, expects a great demand, and is ready for it; his growers have promised large shipments.

Berger Brothers say business is excellent and that they have a fine line of cut flowers for Christmas trade. K.

Boston.

The Christmas season is on among the retail stores but as yet there is little evidence of it among the wholesalers and in the markets. The growers are evidently holding back their stock for the advance in prices which will occur before Christmas. In addition, the weather conditions have been such that the growth of all varieties of cut flowers has been retarded. For the past six weeks it has been much colder than the average for this time of the year, and there has been much cloudy weather. In addition to holding back the flowers, the weather has sent in much inferior stock. This is especially noticeable of roses, the market affording nothing but odds and ends for the last four weeks. The major part of the business of the past week has been in the various decorative greens, with holly and boxwood the leading sellers. Violets, which have been short all the season are more so now, selling as high as \$1.25 per 100, with prospects of \$2 being obtained. Carnations have also stiffened up, and from 50 cents to \$1 more per 100 is obtainable this week than last. As to roses, white and red are very short, and the supply of pink about meets the demand. There does not seem to be much demand for cyclamens at present and they are not bringing very high prices. Lilies of good quality have now been in the market for two weeks, and bringing 12 cents each.

Michael H. Norton, formerly of Norton Brothers, has opened up a new store under the Park street church, on the corner of Tremont and Park streets. This store is admirably situated, being right at the entrance to the subway, and next to the Boston Cooperative Flower Market. He will conduct a retail business.

Mrs. N. F. Sutherland has a very attractive Christmas display in the window of her store on Bromfield street. One of the novelties is the Christmas ball made of pine and immortelles. She reports a good trade in boxwood wreaths.

George A. Sutherland Company reports that there is but little doing in the flower line, but that business in laurel and boxwood is very good. This firm is handling a large amount of genuine English mistletoe.

The Koral Manufacturing Company's force is busy night and day in order to turn out the Christmas orders on time. There is a large demand for Christmas bells to be used in decorations.

Mr. Swan, under the name of La Fleuriste, has opened a retail store at 565 Tremont street. A note of interest is that Mr. Swan's father is head gardener to the king of Sweden.

T. F. Galvin reports prospects for an excellent Christmas trade. He is now selling the first sweet peas of the season, obtaining \$1 a bunch.

John Mutch, of Newtonville, has filed a petition in bankruptcy showing about \$2,500 liabilities and \$900 nominal assets.

Paul Richwagen, of Needham, is cutting a fine grade of carnations, about 4,000 a week.

Frank J. Fallon, formerly bookkeeper and shipper for Welch Brothers, of Province street, is critically ill with pneumonia.

E. N. Peirce & Sons, of Waltham, brought in the first lilies of the season.

F. J. Delansky, of Lynn, is bringing in some fine poinsettias. H. P. S.

NOTES.

The Gardeners' and Florists' Club enjoyed a visit last Saturday afternoon to the greenhouses of William Nicholson and S. J. Goddard at Framingham. About thirty members responded to the invitation sent out by the secretary of the club. At the Nicholson place everything was in readiness for the guests, who were escorted around by Mr. Nicholson and his son. The new house erected last year was the center of attraction. It is of iron construction, 30x200 feet, and contains about 6,500 newer varieties of carnations. Mrs. Patten and Prosperity were especially fine, and a bench of Fair Maid in the center of the house was a sight worth taking the journey to see. In another house was a bed of mammoth mignonette and an exceedingly large white marguerite. About two hours were spent in looking over the place, after which a substantial collation was served. The Goddard place was next visited and everything was found in the best of condition. Interest centered in the Queen carnation, and as grown here it merits all the good things that have been said of it. A lunch was served before leaving.

St. Louis.

The market has been very short. Funerals and a few weddings have been the only outlets. Greens are good and in big demand, holly poor, but mistletoe good and well berried. Carnations will be high and scarce Christmas. Good roses have been scarce, selling at 6 cents and a few extras at 8 cents. Carnations will be from 4 to 6 cents for holidays and Enchantress and Lawson are liable to reach 8 or even 10 cents. Violets are selling at 75 cents and \$1, with prospects of going to \$2 and \$3 for extras. Bulbous stock is plentiful, selling at 2 and 3 cents. Harrisii lilies are bringing 15 and 20 cents. American Beauty roses are scarce and will bring top notch prices for the holidays.

Park Commissioner Aull has issued his annual report, which shows that the system is making highly satisfactory progress. He refers to the efficiency and worth of Andrew Meyer, Jr., general superintendent, in terms which must be extremely gratifying to the latter.

F. J. Foster had a special sale of palms. He has had also a heavy sale on Christmas folding bells. He expects a large trade in cut flowers as orders are rushing in.

The Riessen Floral Company will handle a large quantity of American Beauty roses for the holidays.

The Ellison Floral Company has many Christmas orders, some for costly decorations.

It is to be hoped the growers will not pickle stock as prices will be good all week.

George Walbart has a fine display of poinsettias, begonias and azaleas.

H. G. Berning has a big supply of greens, holly and mistletoe.

Young & Sons are busy with large plant orders for Christmas.

Egging Floral Company is busy with decorations for Christmas.

M. M. Ostertag has a fine assortment of blooming plants.

M. M. Ayres reports orders for Christmas plentiful.

Alex. Siegel has been busy with funeral work. W. F.

Washington.

Another heavy snow storm December 17 was literally another wet blanket for the growers, but the weather cleared in the evening and Sunday was fair. The prospects for roses are not promising, several growers having beds that are off crop. American Beauty seems to promise better than several of the lesser lights. Carnations, considering the extended periods of cloudy weather, are promising and will come in well. Paper White narcissi will be plentiful. New York and Philadelphia will be depended upon for the best violets. Azaleas are showing up well within the past week and there will be plenty. Very few Harrisii lilies (in pots) will be seen here unless they are "imported," not being in sight in local greenhouses.

Christmas prices are as follows: American Beauty roses, \$5 to \$15 per dozen; Bride and Bridesmaid, \$5 to \$20 per 100; Liberty, \$15 to \$50 per 100; carnations, Prosperity and Enchantress, \$10 to \$15 per 100; Joost, Queen Louise, Flora Hill, \$4 to \$8; Lawson and Crane, \$6 to \$12; violets, single, \$1.50 to \$2 per 100; double, \$3 to \$4 per 100; poinsettias, \$20 per 100; Paper White narcissus, \$3 to \$4 per 100; azaleas in full bloom, \$1.50 to \$5 each; Asparagus plumosus, 50 cents per string; cypripedium orchids, \$15 per 100; mignonette, \$5 to \$6 per 100; valley, \$4 to \$6 per 100; smilax, \$20 per 100.

At the debut of Miss Pauline Morton, daughter of Secretary Paul Morton, there were many gifts of American Beauty roses, orchids and other choice cut flowers. The house decoration and arrangement of flowers was by Z. D. Blackstone, who is becoming quite popular in that line of work, having had several other debutante decorations within the week.

Otto Bauer has a red window. Large and small red bells and wreaths and araucarias tied with red ribbon, with a red halo over all. He has a nice stock of dwarf Japanese plants.

The Center Market dealers are decorating for Christmas. Harry Robey, C. Schellburn, the American Rose Company and Fred H. Kramer all have something doing along these lines.

This year being Alex B. Garden's first venture with the American Beauty rose, he has reason to be well satisfied with the results. His Golden Gate and Ivory roses are cutting well.

There are mysterious doings about J. H. Small & Sons' workroom and in a day or two we expect to see some novelties that are the real thing.

Fred H. Kramer has a good showing of greenhouse plants and wreaths, bells and many other Christmas novelties in his F street store.

Hammer & Sons will have a good showing of pot plants and cut flowers for Christmas.

J. R. Freeman will make a good showing in pot plants for Christmas, notably in cyclamens.

On account of the severe weather the local holly gatherers have made little progress.

Geo. H. Cooke has been doing a large amount of bouquet work for coming-out gifts.

Adolphus Gude is holding back his long suit, to-wit, American Beauty roses. S. E.

Baltimore.

Snow and cold weather have been our portion, lo! these many days, making an unheard-of record for December in this borderland of the sunny south. For several mornings in succession the mercury coquetted with old zero, and we had a south wind blowing, which for dampness and chilling sensations down the back, is, as usual during the first few hours that wind blows, worse than the cold. And the clouds have been as persistent and trying as the low temperature, making the prospect for flowers for Christmas much poorer than the promise of a few weeks back. The past week stock was in light supply and trade was lighter. This is expected for some days before the holidays, many growers holding on till the last moment in the expectation of augmenting their Christmas shipments. Tuesday the market was practically bare of carnations. Roses, which are not so easily held back, are scarce, by reason of unfavorable weather conditions. Prospects for a good holiday trade are encouraging and nearly all the stores report that their advance orders are quite up to the average of past seasons. It can hardly be said that the windows are yet decorated for the festive season; there has been some brightening up, but as a rule the customary adornments have been delayed. The snow and ice on our streets deters shoppers, and the retail thoroughfares are not so crowded as is usual within a week of the great holiday.

Henry Weber, of H. Weber & Sons, of Oakland, was in town this week. He is enthusiastic over the reception this firm's new carnation My Maryland met at the Chicago show. The firm's cauliflowers were given an award at the St. Louis exposition. The Weber brothers have long been noted for the magnificent vegetables raised on the mountain tops and the character and quality of which are maintained, though now these products are only a small side issue of their flower business, which, as Mr. Weber declares, is to be still further expanded. With their splendid site, pure air, cheap fuel and high elevation, coupled with enthusiasm and marked intelligence, we may look for greater achievements than they have already won. S. B.

Pittsburg.

Perfect confidence prevails regarding the outlook for the holidays. Retailers have placed their orders and only ask for reasonably good weather and they will do the rest. American Beauty and Liberty roses and violets seem to be the backbone of the market.

Breitenstein & Flemm's store is elegantly decorated. Garlands of red immortelles and boxwood ranging from five to fourteen feet adorn the windows and store interior.

Randolph & McClement's store is decorated with hundreds of red bells, wreaths and baskets. About thirty men will be kept busy during this period looking after the cut flower department.

E. C. Ludwig's Allegheny store is making a fine holiday display.

L. I. Neff is showing a fine lot of red tulips of which he has about 8,000 in pans.

Geddis & Blind Brothers have both their stores decorated. Their window display of peppers, bells and wreaths attracts much attention.

Mrs. E. A. Williams' store is especially attractive.

Tom Ulum & Company decorated the Allegheny General Hospital, which opened its new building this week; 160 vases of flowers and sixteen large window boxes were used.

Howard Carney, of J. B. Murdoch & Company, states that his local and shipping orders are above his expectations.

Manager Demas, of the Exchange, is up to his eyes in work. He states that business is away ahead of last year.

Billy Lowe is the busiest man in town. His green goods department is operating night and day.

The Pittsburg Cut Flower Company is sending out a useful present in the way of lead pencils.

John Bader has put his new covered wagon in commission.

John Orth, of McKeesport, is doing a big business. E. L. M.

Montreal.

The Gardeners' and Florists' Club, at its annual meeting December 5, had the largest attendance in eight years. The secretary-treasurer's report showed a most prosperous year. The membership has increased rapidly and the interest of members is keener, due no doubt to the annual flower show which is held by the club. It was decided to hold the annual dinner early in January and a carnation show in March in connection with the committee meeting of the Canadian Horticultural Association. The election of officers resulted as follows:

President, J. Bennett.*
First vice-president, A. Gibb.*
Second vice-president, A. Walker.
Secretary-treasurer, W. H. Horobin.*
Assistant secretary-treasurer, H. J. Eddy.*
Committee, J. Walsh, E. Hayward, W. Alcock, J. Pidduck, J. Kirkwood, J. C. Eddy.
*Re-elected.

L.

Oceanic, N. J.

At the regular meeting of the Monmouth County Horticultural Society, December 16, the following officers were elected for the ensuing year. Geo. H. Hale, president; A. G. Williams, vice-president; H. A. Kettel, secretary; Geo. R. Kuhn, financial secretary; W. W. Kennedy, treasurer. The society procured \$75 worth of vases, to be used at the exhibitions. George R. Kuhn exhibited some vases of fine Marie Louise, Princess of Wales and California violets. George Hale had hyacinths on exhibition, and some exceptionally fine fronds of Adiantum Farleyense. The judges of the evening were W. W. Kennedy and A. G. Williams. W.

Syracuse, N. Y.

Trade has been good, owing to a large number of weddings and funerals. For the funeral of Charles G. Belden, Henry Morris made an expensive flat bouquet of palm leaves, asparagus sprays and roses tied with lavender ribbon. For the same funeral Wheadon & Hencle supplied a wreath of lily of the valley.

The florists are kicking about the sale of bells by the department stores. All the stores are flooded with them and having bought them in large quantities with other stock they sell them at a price that the florists cannot hope to equal.

A. J. B.

NEWTONVILLE, MASS.—John Mutch has filed a bankruptcy petition, with liabilities of \$2,470 and assets \$765.

THE AMERICAN FLORIST

TWENTIETH YEAR.

Subscription, \$1.00 a year. To Europe, \$2.00.
Subscriptions accepted only from those
in the trade.

Advertisements, on all except cover pages,
10 Cents a Line, Agate; \$1.00 per inch.
Cash with Order.

No Special Position Guaranteed.

Discounts are allowed **only on consecutive inser-**
tions, as follows—8 times, 5 per cent; 13 times,
10 per cent; 26 times, 20 per cent;
52 times, 30 per cent

Space on front pages and back cover page sold
only on yearly contract at \$1.00 per inch, net.

The Advertising Department of the **AMERICAN FLORIST** is for florists, seedsmen and nurserymen and dealers in wares pertaining to those lines **only**.
Orders for less than one-half inch space not accepted.

Advertisements must reach us by Wednesday to secure insertion in the issue for the following Saturday. Address

AMERICAN FLORIST CO., Chicago.

When sending us change of address, always send the old address at the same time.

PLEASE send us a report on your Christmas trade.

CHRISTMAS flowering azalea plants are in very good demand and short supply.

It is proposed to use the galleries of the Palais Royal in Paris for a huge flower market.

PLEASE note that the eastern office of the **AMERICAN FLORIST** is now located at 429 Sixth avenue, New York.

THE daily press is full of telegraphic items regarding a new everlasting called the Australian star flower, originated by Luther Burbank.

THE address label on your paper will show whether your subscription has been received. The date is changed in one to two weeks after its receipt.

A LARGE spoon shaped attachment of copper fitted to attach to 3/4-inch pipe (to spread without any force the flow) to water beds without washing is desirable. It keeps rust off carnations.

The Christmas annual of *Country Life* in America contains so much of direct interest to our readers and illustrates so much of horticulture in such a beautiful way that we venture to suggest that every reader see a copy.

It often happens that our local correspondents in various cities express themselves regarding new plants. It should be understood that these are not editorials of this journal although we often make editorial mention of novelties of merit, for which we are willing to accept responsibility.

The annual meeting of the Society for Horticultural Science will be held at Philadelphia next week, December 27, in connection with the annual meeting of the American Association for the Advancement of Science, for which special railroad rates have been made. Ask your agent for certificate (not receipt) in purchasing ticket.

It is reported that the Louisiana Purchase Exposition authorities will issue medals without awaiting the action of the National commission. On the other hand, Lawrence Grahame, secretary of the national commission, claims to have been notified by several exhibitors that they will not accept diplomas without the signature of President Carter of the national commission.

Legal.

The supreme court of Ohio has been called upon to place the valuation on plants. Catherine Herms conducts a greenhouse in Portsmouth, and all of her plants were destroyed by gas from a leaking main of the Portsmouth Gas Company. A verdict was secured for \$1,800 and the company holds that the judgment was on the productive capacity and not on the amount of the actual flowers ruined.

Society of American Florists.

On pages 99 and 100, of the proceedings at St. Louis, Mo., the remarks credited to William Dilger, Mich., of Detroit, should have been credited to F. P. Dilger, of Milwaukee, Wis.

WM. J. STEWART, Sec'y.

The American Carnation Society.

DEPARTMENT OF REGISTRATION.

Senator Crane, by Robert C. Pye, Nyack, N. Y.; light pink, three and one-half inch flower, high built, of perfect form and a non-bursting calyx; long stiff stems; free and continuous bloomer; parentage, Lawson and Bradt.

Uncle Peter, by D. C. Noble, Columbia City, Ind.; light pink (same shade as Enchantress), a sport from Lawson with the same quality and habit as that variety.

SPECIAL PREMIUMS.

Vaughan's Seed Store and John C. Moninger, of Chicago, Ill., are offering special prizes for the meeting in Chicago, Ill., January 25 and 26. In order to give everybody an opportunity to offer a prize who desires to, the premium list will not go to press until December 26.

The Western Passenger Association has granted the rate of a fare and one-third for this meeting; this includes the whole state of Colorado and from that east and north.

ALBERT M. HERR, Sec'y.

Chicago Christmas Trade.

Many buyers seem to spend their best December shopping days among the other stores, dry goods, jewelry, and the like, and neglect their orders for flowers and plants until the last day. This is not entirely true, however, and florists who are located nearer the residence districts are more favored with early calls than those in the business center. Fine decorative and flowering plants of the Christmas class are selling well.

In cut flowers, even customers of the liberal class are a little disappointed at the stiff prices which retailers are compelled to ask, and inclined to limit their purchases. One of the heaviest retailers in speaking of the situation said: "Standard kinds of cut roses at \$25 per 100 should be first-class stock, not weak in stem and past their best condition. We are disposed more than ever before to resent any attempt of growers to dispose of pickled stock with us. We cannot retain our trade and use this class of flowers, and we will not accept or pay for such from the growers. We feel the time has come when the loss, if there is one, from using this class of flowers should fall on the man who intentionally delays placing it before the public in its best condition."

Catalogues Received.

Crenshaw Brothers, Tampa, Fla., seeds; Wilbur A. Christy, Kinsman, O., gladioli; Dammann & Company, San

Giovanni A Teduccio, Italy, seeds and bulbs; Peter Lambert, Trier, Germany, roses; the Griffing Brothers Company, Jacksonville and Miami, Fla., nursery stock; Texas Seed & Floral Company, Dallas, Tex., seeds and plants; Edward S. Schmid, Washington, D. C., aquaria, etc.; Vilmorin-Andrieux & Company, Paris, France, seeds; Crozy Fils, Lyons, France, cannas; J. D. Thompson Carnation Company, Joliet, Ill., carnations; J. Balme & Company, Mexico City, orchids and cacti; O. P. Conklin, Red Oak, Ia., seeds and nursery stock; Germain Seed Company, seeds and plants; Reasoner Brothers, Oneco, Fla., nursery stock; Stuart-Robson Pecan Company, Kirkwood, Ga., pecan nuts and trees; Charles H. Totty, Madison, N. J., chrysanthemums; E. S. Miller, Wading River, N. Y., bulbs and hardy plants; Rees & Compere, Burnett, Cal., bulbs; Joseph C. King, Lebanon Springs, N. Y., trees, shrubs and herbaceous plants; Conrad Appel, Darmstadt, Germany, grass seeds; Albert Schenkel, Hamburg, Germany, seeds and plants.

OBITUARY.

Matthew Steele.

Matthew Steele, 85 years old, died at Brushton, Pa., December 2. He had been ill for some months and his death was due to general debility. Mr. Steele was born in Ireland and came to this country when quite young. He lived in Allegheny several years, where he was a wholesale florist. Ten years ago Mr. Steele removed to Brushton. His wife died eight years ago. He is survived by one son, James A. Steele, of Wilkinsburg.

John F. Larkin, Sr.

John F. Larkin, Sr., a well known gardener and florist, died of pneumonia December 3, aged 77 years, at the residence of his son, John F. Larkin, Jr., in Reading, Pa., after an illness of eight weeks. He was only bedfast a few days. The deceased was a native of County Westmeath, Ireland, and came to this country in 1865, locating in Reading shortly afterwards. For thirty-two years Mr. Larkin was in the employ of the late Horatio Trexler, as gardener and florist. In that line he was considered one of the best in this section, and his work while with Mr. Trexler came in for much praise. His wife, Mary, died January 23 of this year. These children remain: John F. Larkin, Jr., Mary, wife of Hugh O'Rourke, of Reading, and Thomas Larkin, of Philadelphia. Notwithstanding his advanced age Mr. Larkin was very active and enjoyed good health until his death.

Newport, R. I.

Many things made the past week a busy one for the craft. There has been a large number of funerals and many flowers have been used up. The growers are disappointed that they do not get stronger prices, especially for carnations, for which it is hard to get \$3. Severe weather has hurt every branch of the Christmas trade, but if the last few days before the holiday are pleasant we can recover the lost ground. There has never been a season when the trade made such elaborate preparations for business in greens. Christmas trees have always

sold well and more are being used every year. Several dealers sent buyers to New York and Boston for trees and other greens. With the average purchaser a tree about eight feet high and bushy is what is wanted, and these bring from 50 to 75 cents each, the largest trees retailing for \$6. Laurel roping is very largely used for church and home decorations, the price this year being \$8 per 100 yards, this price being cut in some cases to \$4.50. Rates asked by most dealers are as follows: Trees, 25 cents to \$6; laurel, princess pine and roping, 8, 6 and 5 cents per yard respectively; wreaths, 20 cents to \$1.50 each. Holly is not of as good quality as usual, there being very few berries on most of it, and the cases are full of the larger woody branches which bunch badly. Usually forty good bunches can be made from a case, but it is hard work this year to make more than twenty-five or so, and be fair to the customer. For mistletoe, of which quite a little is used, most of us use the imported entirely, as it has given satisfaction in the past, sprays of it going at 25 cents to \$5, or even more for specially elegant pieces. Paper bells, red immortelles and ribbons are being used largely in connection with the greens, giving splendid results and satisfactory profits.

Hodgson decorated very beautifully for Mrs. Vanderbilt's dance in New York last Wednesday, given to introduce her daughter Gladys to society. Quantities of roses, orchids and lilies were used very effectively in vases placed about the rooms. Pink chrysanthemums and American Beauty roses were used in the hall; yellow chrysanthemums and orchids in the reception salon, and quantities of American Beauty roses in the library. The whole effect was very tasteful and effective.

The Rhode Island Agricultural College is using every effort to have every community in the state arrange to have some one well versed in the care and spraying of trees, (to guard against the San Jose scale and other insect enemies of arboriculture) who for a reasonable compensation will give this work the necessary attention. This should be mutually profitable to the man who does it and the owner of the trees.

William Neil Campbell, representing Vaughan's Seed Store of New York and Chicago, has been here for several days looking after the interests of his firm among the trade. Mr. Campbell finds great interest expressed in the new dwarf everblooming Crimson Rambler rose (Mme. Norbert Levavasseur) and the new Gladiolus Princeps. Both these new things of Vaughan's are destined to become very popular with gardeners and florists.

The George A. Weaver Company has very handsomely decorated its store for the Christmas holidays. Over the main entrance hangs an enormous bell of princess pine, artistically dotted with red immortelles. Streamers of laurel hang gracefully from window to window, and many Christmas trees of the very largest size placed at intervals give a very seasonable look to the large store.

At H. L. DeBlois' is another stock of wreaths, crosses, anchors, hearts, princess pine, laurel trimmings, holly, and in fact a seasonable holiday assortment.

Fadden, the only florist who is now open on Bellevue avenue, has been having a very good business lately, there having been much funeral work and quite a quantity of other orders.

A dealer, not in our line, has hurt the

sale here very much for red crepe paper Christmas bells, as he is offering the 50-cent size for 25 cents. It seems too bad for the few days of holiday business we do have to sell goods at cost. But so it goes.

Some holly from the woods around here is being offered on the streets for 15 cents a small bunch. In quality it is fair and quite a few like it because it is native.

N.

Milwaukee.

December 22.—Retail cut flower trade for Christmas is good. Carnations in good demand and American Beauty roses at \$24 per dozen are acceptable to high-class buyers. Holly is a scarce article—in fact there is none to be had—and has been scarce the whole month. Bouquet green is an over stock.

Sensible Gifts.

A year's subscription to the AMERICAN FLORIST will make an appropriate and useful gift for trade employees, sent to their home addresses. In many ways it will be a good investment. Send up their names and addresses now, enclosing \$1 for each subscription, and we will start with this number and continue sending the paper every week of 1905.

DECATUR, ILL.—The Decatur Horticultural Company has been dissolved.

SITUATIONS, WANTS, FOR SALE.

One Cent Per Word.

Cash with the Adv.

Plant Ads. NOT admitted under this head.

Every paid subscriber to the AMERICAN FLORIST for the year 1904 is entitled to a five-line WANT ADV. (situations only) free, to be used at any time during the year.

Situation Wanted—By young man of 25 as rose or carnation grower on wholesale place. West preferred. Can show references. Address Box 106, care American Florist.

Situation Wanted—By a sober, industrious single man as florist's assistant; experienced in pot and floral culture. Address Box 104, care American Florist.

Situation Wanted—On a private or commercial place, by a young man, single, age 28; 9 years' experience; 5 years in last place. Address G. W., Crystal Farm, Gibsonia, Pa.

Situation Wanted—First-class rose grower wishes position by January 10—15 in Western Pennsylvania, Indiana or Ohio. Have references. No. 52, 2628 Halsted St., Cincinnati, O.

Situation Wanted—By a good all-around florist; single, 28 years old, 10 years' experience in palms, ferns, bulbs, etc. Capable of taking care of small commercial place. Address Box 102, care American Florist.

Situation Wanted—By a young man who has been in charge of a retail establishment. Have references for growing carnations and roses and rose grafting. Address Box 100, care American Florist.

Situation Wanted—By a practical florist. 20 years' experience in growing cut flowers and greenhouse plants. Married man, references. Commercial or private place. Address Box 108, care American Florist.

Situation Wanted—As working foreman in cut flowers. Will take charge of range of roses or carnations or handle a place on shares. References exchanged. O. B., 246 Crocker Ave., Mt. Clemens, Mich.

Situation Wanted—By English gardener, age 25 years; experienced in orchids, chrysanthemums, stove and greenhouse plants, cut flowers and general gardening. First-class references. Address GEORGE BROWN, Earncliffe, Ottawa, Canada.

Situation Wanted—As a grower or propagator in a private or commercial place. 18 years' experience in all branches. Can give best of references. German, married, age 32. Please state salary paid. Address Box 105, care American Florist.

Situation Wanted—By competent florist and landscape gardener, understands growing of roses, mums, violets, palms, ferns and general bedding plants. Wants position on private place; married, 38 years old, sober, German; have best of references and life experience in the trade; have in charge now 740 acres, 180 acres in lawn, 121 acres in farm land, greenhouses, 1,500 feet of glass, stables, orchards and vineyard. Last place five years. Address Box 107, care American Florist.

Help Wanted—Young man to learn the florist trade, from 15 to 18 years of age. Apply to JOHN L. WYLAND, De Haven, Pa.

Help Wanted—Young man in seed store, German preferred. HUNKEL'S SEED STORE, 327 Chestnut St., Milwaukee, Wis.

Help Wanted—\$20 to \$50 per week to experienced florists; whole or part time. Reference. I. SPAULDING, PRES., Spaulding, Ill.

Help Wanted—First-class carnation men immediately. Good wages CHICAGO CARNATION CO., Joliet, Ill.

Help Wanted—Experienced man for general greenhouse work; married man preferred. Good wages. State age and experience. S. M. HARRISON, Danville, Ky.

Help Wanted—Competent salesman and grower of roses, carnations and pot plants; must have good references. State salary expected, with board. Address Box 109, care Am. Florist.

Help Wanted—A married man to work vegetable garden; salary \$45 a month and house; 20 acres in the place; 2 acres vegetables, 2 acres strawberries. Place on the Interurban railway, five miles from Battle Creek, Mich. Address E. F. CLARK, Manager Post Tavern, Battle Creek, Mich.

Wanted, Partner—A practical florist with about \$2,000, to buy interest of partner r tiring into other business. Retail in city of 60,000 within 30 miles of Philadelphia; 15,000 feet of glass; an excellent opportunity and a square deal. T. R. WILSON, 418 Arcade Bldg., Philadelphia, Pa.

For Sale—Ballard's greenhouse, \$750. Perry, Iowa.

For Sale—A greenhouse 20x100, bought for my own use, but decided not to build. All taken down ready for shipments; 70 boxes 16x24 glass, 1,800 feet pipe, No. 3008 Furman boiler, cypress frame; been used two years. At a bargain. W. E. INGALLS, Brighton, Me.

For Sale—An elegant greenhouse plant, up-to-date and modern in every way; 20 lots, 40,000 feet of glass, fine dwelling, all new; a fine retail and wholesale trade; the demand is first-class; good market; in one of the finest cities in Colorado; water plentiful and the best of soil right at the door; have other business; will sell reasonably. Address No. 99, care American Florist.

FOREMAN WANTED.

An all-around grower of cut flowers and pot plants for a wholesale and retail trade. \$75.00 per month, the first-year. Must be sober and industrious. Address

Box 101, care American Florist.

To Florists.

My company will pay you a liberal salary or commission for your entire or part time as you prefer. Extra pay to experienced florists. Address

EMPLOYER, care American Florist.

GREENHOUSE GLASS

FOR SALE CHEAP. GREAT BARGAIN.

In quantities of not less than 200 box lots.
I. o. b. Chicago Net cash per box.
200 boxes 12x14 Double Thick B \$2.55
500 boxes 16x18 " " A 2.75
500 boxes 16x18 " " B 2.55
400 boxes 16x20 " " A 3.00
500 boxes 16x24 " " A 3.00
400 boxes 16x24 " " B 2.75

Great bargain in all other glass, for shipment east or west.

Mfrs. and Jobbers,
Jas. H. Rice Co., 80-82 Wabash Ave., Chicago.

Wietor Brothers, 51 Wabash Avenue, CHICAGO.

WHOLESALE CUT FLOWERS.

—HOLIDAY PRICES. SUBJECT TO CHANGE.—

AMERICAN BEAUTY.

| | Per doz. |
|-------------------|----------|
| 36-inch stem..... | \$12.00 |
| 30-inch stem..... | 9.00 |
| 24-inch stem..... | 8.00 |
| 20-inch stem..... | 6.00 |
| 16-inch stem..... | 4.00 |
| 12-inch stem..... | 3.00 |

ROSES.

| | Per 100 |
|----------------------------|--------------------|
| Bride and Maid..... | \$ 8.00 to \$15.00 |
| Meteor and Gate..... | 8.00 to 20.00 |
| Liberty..... | 8.00 to 20.00 |
| CARNATIONS—Good stock..... | 5.00 to 6.00 |
| " Large and fancy..... | 8.00 to 10.00 |

Please mention the American Florist when writing.

Wholesale Flower Markets

MILWAUKEE, Dec. 22.

| | |
|------------------------------|-------------|
| Roses, Beauty, long per doz. | 24.00 |
| " " med. " 4.00@12.00 | |
| " " short " 3.00 | |
| " Liberty..... | 8.00@20.00 |
| " Chateau..... | 5.00@20.00 |
| " Bride, Bridesmaid..... | 5.00@15.00 |
| " Meteor, Golden Gate..... | 5.00@15.00 |
| " Perle..... | 5.00@15.00 |
| Carnations..... | 4.00@ 8.00 |
| Smilax..... | 12.50@15.00 |
| Asparagus..... | 2.00@ 3.00 |
| Valley..... | 3.00@ 4.00 |
| Adiantum..... | 1.00 |
| Violets..... | 2.00@ 2.50 |
| Callas..... | 15.00@20.00 |
| Romana, Paper Whites..... | 3.00@ 4.00 |
| Sweet peas..... | 1.00@ 1.50 |
| Stevia..... | 2.00 |
| Harrisii..... | 20.00@25.00 |

PITTSBURG Dec. 22.

| | |
|------------------------------|-------------|
| Roses, Beauty, specials..... | 60.00@75.00 |
| " " extras..... | 40.00@50.00 |
| " " No. 1..... | 20.00@35.00 |
| " " ordinary..... | 10.00@15.00 |
| " Bride, Bridesmaid..... | 4.00@15.00 |
| " Meteor..... | 4.00@ 8.00 |
| " Liberties..... | 4.00@20.00 |
| " Kaiserin..... | 4.00@15.00 |
| " Perle, Chateau..... | 4.10@15.00 |
| Carnations..... | 2.00@ 8.00 |
| Lily of the valley..... | 3.00@ 4.00 |
| Smilax..... | 12.50@15.00 |
| Asparagus, strings..... | 25.00@50.00 |
| Asparagus Sprengerl..... | 1.00@ 3.00 |
| Lilies..... | 20.00@25.00 |
| Adiantum..... | 1.00@ 1.50 |
| Violets..... | .50@ 2.50 |
| Paper White Narcissus..... | 3.00@ 4.00 |
| Romac hyacinths..... | 1.00@ 4.00 |
| Stevia..... | 1.50@ 2.00 |

CINCINNATI, Dec. 22.

| | |
|--------------------------------------------------|----------------|
| Roses, Beauty, 1.00@ 4.00 per doz. | |
| " " Bride, Bridesmaid..... | 3.00@ 6.00 |
| " " Liberty..... | 3.00@ 6.00 |
| " " Meteor, Golden Gate..... | 3.00@ 6.00 |
| Carnations..... | 1.00@ 4.00 |
| Lily of the valley..... | 3.00@ 4.00 |
| Asparagus..... | 50.00 |
| Smilax..... | 10.00@12.50 |
| Adiantum..... | 1.00@ 1.50 |
| Callas..... | 10.00 |
| Asparagus Plumosus and Sprengerl in bunches..... | .250 per bunch |

ST. LOUIS, Dec. 22.

| | |
|--------------------------------|-------------|
| Roses, Beauty, long stem..... | 10.00@12.00 |
| " Beauty, medium stem..... | 4.00@9.00 |
| " Beauty, short stem..... | 1.00@3.00 |
| " Bride, Bridesmaid..... | 8.00@15.00 |
| " Golden Gate..... | 8.00@15.00 |
| " Liberty..... | 8.00@10.00 |
| " Kaiserin..... | 5.00@ 8.00 |
| " Meteor..... | 5.00@ 8.00 |
| Carnations..... | 3.00@ 8.00 |
| Smilax..... | 15.00 |
| Asparagus Sprengerl..... | 1.50@ 4.00 |
| " Plumosus..... | 25.00@50.00 |
| Ferns, fancy, per 1000 \$1.75. | |
| Adiantum..... | 1.00@ 1.25 |
| Violets, California..... | 1.00@1.50 |
| " Double..... | 1.50@ 2.00 |
| Lily of the valley..... | 3.00@ 5.00 |
| Stevia..... | 1.50 |

CLEVELAND, Dec. 22.

| | |
|----------------------------|--------------|
| Roses, Beauty..... | 12.50@100.00 |
| " " Bride, Bridesmaid..... | 8.00@15.00 |
| " " Meteor..... | 8.00@15.00 |
| Carnations..... | 4.00@ 8.00 |
| Smilax..... | 10.00@15.00 |
| Asparagus, strings..... | 25.00@50.00 |
| " Sprengerl..... | 1.00@ 2.00 |
| Galax..... | 1.00@ 1.50 |
| Common ferns..... | 1.50 |
| Violets, single..... | 1.00@ 1.50 |
| " double..... | 2.50 |
| Paper Whites..... | 3.00@ 4.00 |
| Stevia..... | 2.00 |

Headquarters for Seasonable Novelties and Fancy Stock.

PITTSBURG'S LARGEST AND OLDEST WHOLESALE,

PITTSBURG CUT FLOWER CO., Ltd.

504 LIBERTY AVE..

PITTSBURG, PA.

WANTED: CONSIGNMENTS OF HIGH GRADE CARNATIONS.

Please mention the American Florist when writing.

HOLTON & HUNKEL CO.,

Wholesale Cut Flowers

462 Milwaukee Street,

MILWAUKEE, WIS.

Please mention the American Florist when writing.

—THE—

J. M. McCullough's Sons Co.

WHOLESALE

FLORISTS

ALSO SUCCESSORS TO

THE CINCINNATI CUT FLOWER CO.

CONSIGNMENTS SOLICITED.

Special attention given to Shipping Orders.

318 WALNUT ST.

CINCINNATI, O.

Please mention the American Florist when writing.

Pittsburg Florists' Exchange,

WHOLESALE FLORISTS

and Florists' Supplies.

228 Diamond St., PITTSBURG, PA.

Send for weekly price list and prices on large orders.

Please mention the American Florist when writing.

H.G. BERNING

Wholesale Florist

1402 Pine St., ST. LOUIS, MO.

Please mention the American Florist when writing.

C. A. KUEHN,

Wholesale Florist,

1122 Pine St., ST. LOUIS, MO.

A Complete Line of Wire Designs.

Peter Weiland,

WHOLESALE FLORIST,

Room 18, 128 E. Third St., CINCINNATI, O.

Headquarters for

American Beauties and all leading varieties of
Roses and Carnations.All flowers sold at prevailing market prices.
Orders received and filled at Greenhouses if
desired, by addressing

PETER WEILAND, New Castle, Ind.

Please mention the American Florist when writing.

AMERICAN BEAUTIES.

Cut Roses—American Beauties and all
kinds of Tea Roses at lowest prices. Trial
orders solicited.

HELLER BROS., New Castle, Ind.

South Park Floral Company

Please mention the American Florist when writing.

RICE BROTHERS

128 N. 6th St., MINNEAPOLIS, MINN.

Wholesale Cut Flowers and Supplies.

Wild Smilax | Flowers billed at
Market Prices.
Shippers of choice Cut Flowers and Greens of all
kinds. Try us.

Please mention the American Florist when writing.

J. B. MURDOCH & CO.

WHOLESALE FLORISTS,

FLORISTS' SUPPLIES.

545 Liberty Ave., PITTSBURG, PA.

Please mention the American Florist when writing.

000

Place a fair sized digit at the left in the blank space above and you get an idea of the number of cases of

WILD SMILAX handled by me this season.

You will find us in line to supply the wants of all live florists, in

Roses, Carnations, Violets
and all seasonable flowers.

WRITE OR WIRE

J. B. DEAMUD,
51 Wabash Avenue, CHICAGO.

E. C. AMLING

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

32, 34, 36 RANDOLPH ST.,
CHICAGO.

L. D. 'Phones Central 1978 and 1977.

Bassett & Washburn

76 & 78 Wabash Ave., CHICAGO.

Wholesale Dealers and
Growers of **Cut Flowers**
GREENHOUSES: HINSDALE, ILL.

D. WOOD BRANT,

SUCCESSOR TO BRANT & NOE FLORAL CO.

—Grower of—

CUT FLOWERS AT WHOLESALE.
Choice American Beauty Roses.
Prices reasonable.

Careful attention given shipping orders.

58-60 Wabash Ave., CHICAGO.

ALWAYS MENTION THE....

AMERICAN FLORIST

WHEN WRITING ADVERTISERS.

Poehlmann Bros. Co.

Wholesale Growers of

and Dealers in **Cut Flowers**

All telegraph and telephone orders
given prompt attention.

Greenhouses: Morton Grove, Ill. 35-37 Randolph Street,
CHICAGO.

GEO. REINBERG,

Wholesale
Grower of **Cut Flowers**

CHOICE AMERICAN BEAUTIES.

We will take care of your orders at reasonable prices. Prompt attention.

51 Wabash Ave., CHICAGO, ILL.

Wholesale Flower Markets

CHICAGO, Dec. 23.

| | |
|------------------------------------------|--------------------|
| Roses, Beauty, 30 to 36-in. stems | 10.00@12.00 |
| " " 20 to 24 " | 6.00@8.00 |
| " " 15 to 18 " | 4.00@ 5.00 |
| " " 12 " | 3.00 |
| " Liberty..... | 6.00@10.00 |
| " extra select..... | 15.00@ 25.00 |
| " Chateau..... | 6.00@25.00 |
| " Bride, Bridesmaid..... | 6.00@15.00 |
| " Meteor, Golden Gate..... | 6.00@15.00 |
| Carnations..... | 3.00@ 4.00 |
| " fancy..... | 5.00@ 8.00 |
| Valley..... | 3.00@ 4.00 |
| Violets..... | 2.00@ 3.00 |
| Asparagus Plumosus, per string 40 to 50c | |
| " sprays 2.00@6.00 | |
| " Sprenger..... | 3.00@ 6.00 |
| Leucothoe Sprays..... | .75 |
| Galax Leaves, Bronze, per 1000, 1.25 | .15 |
| " Green, " " 1.00 | |
| Adiantum..... | 1.00 |
| Fancy ferns...per 1000 | 1.00@ 2.00 |
| Smilax..... | 12.00@15.00 |
| Callas..... | 1.25@1.50 per doz. |
| Paper Whites..... | 3.00@ 4.00 |
| Romans..... | 3.00@ 4.00 |

J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and
Carnations
A Specialty.....

WHOLESALE
GROWER OF

CUT FLOWERS

E. H. Hunt,

WHOLESALE

Cut Flowers

"THE OLD RELIABLE."

76 Wabash Ave.,CHICAGO.

A Daily Cut From 40 Growers

We can and will fill your Cut Flower
wants to advantage.

Plenty of **BEAUTIES,**
MAIDS, BRIDES, etc.
CARNATIONS, VIOLETS, etc.
ALL GRADES.

Shipping orders our Specialty. Write, tele-
phone or telegraph.
Long Distance Phone 1129 Main.

Headquarters for **HARDY PERNS**
and **WILD SMILAX.**

Most Complete Line of

FLORISTS' SUPPLIES
IN THE WEST.

—CATALOGUE FREE.—

E. F. WINTERSON CO.

Established 1894.

45-47-49 Wabash Avenue, CHICAGO.

Flower Growers' Market.

60 Wabash Ave., CHICAGO.

Order your stock where it will be filled with
care and dispatch. The most successful growers
of cut flowers, are those who sell their own stock.
Give us your **standing order.**

PERCY JONES, Manager.

WEILAND - AND - RISCH

CHICAGO'S RELIABLE

Wholesale Growers and Shippers of

CUT FLOWERS,

59 Wabash Ave., CHICAGO.

SEND FOR WEEKLY PRICE LIST.

WHOLESALE FLORISTS

SINNER BROS.

Wholesale Growers
and Shippers of **CUT FLOWERS**

58 WABASH AVENUE, CHICAGO, ILL.

With the Flower Telephone—
Growers' Co. Central 3067.
All telephone and telegraph orders
given prompt attention.

THE BENTHEY-COATSWORTH CO.

35 RANDOLPH ST.

WHOLESALE FLORISTS

CHICAGO.

The Leo Niessen Company

WHOLESALE FLORISTS

1217 Arch Street,

Store open from 7 A.
M. to 8 P. M.

PHILADELPHIA, PA.

The Cleveland Cut Flower Company,

WHOLESALE CUT FLOWERS, FLORISTS' SUPPLIES, WIRE DESIGNS.

52 and 54 High Street,

CLEVELAND, OHIO.

BOSTON, MASS.

WELCH BROS.

15 Province Street.

All Varieties FLOWERS in Season. FANCY and DACCER FERNS.
FLORISTS' SUPPLIES all kinds.

Long Distance Telephone, 6268-6267 Main.

For CHRISTMAS, Cut Strings of

Asparagus Plumosus Nanus.

FIRST-CLASS STOCK RUNNING EVEN AND FULL,
50 CENTS EACH.

W. H. ELLIOTT, Brighton, Mass.

N. Lecakes & Co.

53 W. 28th St., New York.

Tel. No. 1214
Madison Square

Stands at Cut
Flower Exchange
Coogan Bldg., W.
26th Street & 34th
Street Cut Flower

Market. Specialties: Galax Leaves, Ferns and
Leucothoe Sprays, Holly, Princess Pine and all
kinds of Evergreens.

Green and Bronze Galax Leaves. 75c per 1000.

Original Pioneer House—Established 1871.

JAMES HART

117 W. 30th St., NEW YORK.

Wholesale and Commission

Consignments solicited. Shipping orders
promptly attended to. Phone 626 Madison.

Please mention the American Florist when writing.

GEORGE COTSONAS & CO.,

Wholesale and Retail

Dealers in all kinds of

EVERGREENS.

Fancy and Dagger

Ferns, Bronze and

Green Galax.

Phone 1202 Mad. Sq.

MAIN STORE, 45 W. 29th St., NEW YORK.

BRANCH, 55 W. 28th St., NEW YORK.

Please mention the American Florist when writing.

The Philadelphia Wholesale

Flower Market.

1235-7 Filbert St., PHILADELPHIA.

Open from 7 A. M. to 6 P. M. Telephones.

THE KERVAN COMPANY,

WHOLESALE DEALERS,

All Decorating Evergreens, Galax,
Leucothoe, Mosses, Etc.

20 W. 27th Street, NEW YORK.

TELEPHONE 1519 MADISON SQ.

FOR SOUTHERN WILD SMILAX

(Where quality is First Consideration)

Write, Wire or Phone the Introducers,

Caldwell The Woodsman Co., Evergreen, Ala.

New Crop Southern Wild Smilax
now ready in limited quantities.

Wholesale Flower Markets

Boston, Dec. 22.

| | |
|---------------------------|--------------|
| Roses, Beauty, best. | 75.00@100.00 |
| " " medium. | 35.00@50.00 |
| " " culls. | 6.00@8.00 |
| " Bride, Bridesmaid. | 6.00@8.00 |
| " " extra. | 8.00@12.00 |
| " Liberty. | 1.00@8.00 |
| Carnations. | 2.00@3.00 |
| " " Fancy. | 4.00@6.00 |
| Lily of the valley. | 4.00@5.00 |
| Smilax. | 8.00@12.00 |
| Adiantum. | 1.00 |
| Asparagus. | 35.00@50.00 |
| Violets. | 1.00@2.00 |
| Chrysanthemums, ordinary. | 4.00@6.00 |
| " " fancy. | 8.00@12.00 |

PHILADELPHIA, Dec. 22.

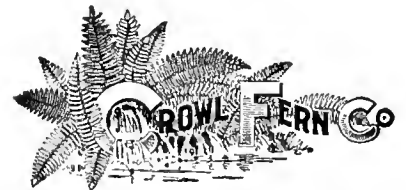
| | |
|----------------------------------|---------------|
| Roses, Tea. | 10.00@12.00 |
| " " extra. | 15.00@25.00 |
| " " Liberty. | 8.00@75.00 |
| " Queen of Edgely, extra. | 75.00@125.00 |
| " " firsts. | 50.00@60.00 |
| " " Beauty, extra. | 100.00@125.00 |
| " " firsts. | 50.00@60.00 |
| Carnations. | 6.00@12.50 |
| Chrysanthemums, per doz., \$1@4. | 10.00@35.00 |
| Lily of the valley. | 3.00@6.00 |
| Asparagus. | 25.00@50.00 |
| Smilax. | 12.00@15.00 |
| Violets, single. | 1.00@1.50 |
| " " double. | 1.50@2.00 |
| Adiantum. | 1.00@1.50 |
| Gardenias. | .75 |
| Mignonne. | 4.00@6.00 |

BUFFALO, Dec. 22.

| | |
|--------------------------------|--------------|
| Roses, Beauty. | 25.00@150.00 |
| " " Bride, Bridesmaid, Meteor. | 10.00@20.00 |
| Carnations. | 3.00@8.00 |
| Harrisii. | 15.00@20.00 |
| Lily of the valley. | 4.00@5.00 |
| Asparagus, strings. | 40.00@50.00 |
| Smilax. | 15.00 |
| Adiantum. | .75@1.50 |
| Lilium Longiflorum. | 15.00 |
| Chrysanthemums. | 10.00@20.00 |
| Violets. | 2.00@3.00 |

HARDY CUT FERNS.

Fancy or Dagger Ferns, \$1.00 per 1000. Galax,
Brilliant Bronze or Green, 75c per 1000; \$8.50 per
case of 10,000. Laurel Festooning, hand-made,
full sizes, 4c, 5c and 6c per yd. Made fresh daily
from the woods. Send us your CHRISTMAS
orders now and we will please you. Branch
Laurel, 35c per large bundle. Southern Wild
Smilax, per 50-lb. case, \$5.50. Laurel Wreaths
and Princess Pine Wreaths, made all sizes and
prices. Princess Pine by the lb. and made into
roping. Tell us your wants and we will name
you prices.



Tel. Office, New Salem, Mass. Millington, Mass.

GALAX, FERNS, ETC.

Bronze Galax. @ 60c per 1000
Green Galax. @ 60c per 1000
Cut Fancy Ferns. @ \$1.00 per 1000
Cut Dagger Ferns. @ 1.00 per 1000
Cut Leucothoe Sprays. @ 3.00 per 1000
Cut Rhododendron Sprays. @ 4.00 per 1000
First-class and fresh from patch. Cash with order.

J. N. PRITCHARD, Elk Park, N. C.

GALAX LEAVES AND

Leucothoe Sprays.

J. G. LOVEN, Montezuma, N. C.

HARDY CUT FERNS.

We carry the finest and most complete line of Decorative Evergreens and
Florists' Supplies. Our specialties are DACCER, \$1.00 and FANCY FERNS, \$1
quality, \$1.50 per 1000. Discount on larger orders. BRILLIANT BRONZE
and GREEN GALAX, \$1.00 per 1000. Laurel Festooning, good and full, handmade
5c and 6c per yd. Green and Sphagnum Moss, \$1.00 per bbl. Sphagnum Moss, 50c
per bag; 5 bags, \$2.00. Ivy Leaves, \$4.00 per 1000. Sprengerii, 25c and 50c per
bunch. Asparagus Plumosus, 50c per bunch or string. Leucothoe Sprays, \$1.00
per 100; \$7.50 per 1000.

We also carry a full line of Florists' Supplies such as Tin Foil, Cut Wire,
Corrugated Boxes, all sizes, Folding Boxes, Ribbons, all sizes and colors, Koral
Letters, Block Letters, Wire Designs, Cycas Leaves, Etc., Etc. Our stock is of
the best quality and at the most reasonable rates. Please write for our price
list. Orders by mail, telephone or telegraph will receive our most careful and
prompt attention.

HENRY M. ROBINSON & CO., L. D. Phone 2618 Main. 8 and 11 Province St., Boston, Mass.

Please mention the American Florist when writing.

BERGER BROS. WHOLESALE FLORISTS.

Bell and Keystone Phones. 1220 Filbert Street, PHILADELPHIA.

Please mention the American Florist when writing.

FLOWERS SHIPPED BY

JOHN I. RAYNORARE THE BEST PRODUCT OF THE BEST
GROWERS FOR THE NEW YORK MARKET.Adiantum Croweanum
SOLD HIRE EXCLUSIVELY.49 W. 28th St., NEW YORK.
Tel. 1998 Madison Square.**YOUNG & NUGENT**42 West 28th Street, Wholesale Florists.
Telephone 2085 Madison Sq.

CATTLEYS, GARDENIAS, ROSES, CARNATIONS and all seasonable novelties. With our long experience in shipping, and competent assistants in our packing department, we are in a position to guarantee out-of-town customers who place their orders with us that they will not be disappointed.

Walter F. Sheridan,
Wholesale Florist,

Telephone 902 Madison Square.

39 West 28th St., NEW YORK.

Telephone No. 756 Madison Square,

**MOORE, HENTZ & NASH**

Wholesale Commission Florists.

55 and 57 West 28th St. NEW YORK CITY.

Advice or sale note daily. Statement and check weekly. All consignments, large or small, receive the same attention. CORRESPONDENCE INVITED.

WHOLESALE WILLIAM GHORMLEY, COMMISSION

Daily Receiver and Shipper of Fresh Cut Flowers.

Orchids, Roses, Carnations, Valley, Lilies, etc.

Telephones 2200 and 2201 Madison Square.

57 West 28th Street, NEW YORK CITY.

JOHN YOUNG,Special American Beauties,
Surpassing Carnations,
Lily of the Valley, Orchids
and all Seasonable Flowers.51 West 28th St., NEW YORK.
Telephone 1906 Madison Square.THE RECOGNIZED HEADQUARTERS IN
NEW YORK CITY FOR**Violets and Carnations**GROWERS and BUYERS make a note of this.
It will be to your advantage.WM. H. GUNTHER,
30 West 29th Street, NEW YORK.
Telephone 551 Madison Square.**THOMAS YOUNG, Jr.**
WHOLESALE FLORIST.CHOICEST CUT FLOWERS.
43 W. 28th St., NEW YORK CITY.THE RELIABLE
COMMISSION HOUSE**JOSEPH S. FENRICH**48 W. 30th Street, NEW YORK.
TEL. 325 MADISON SQ.**N. Y. CUT FLOWER EXCHANGE**Coogan Bldg., 6th Ave. & W. 26th St., New York.
Open for Cut Flower Sales at 6
o'clock Every Morning.DESIRABLE WALL SPACE TO RENT FOR
ADVERTISING.

JOHN DONALDSON, Secretary.

Choice Carnations.

Selected Roses.

Traendly & Schenck

NEW YORK CITY,

44 W. 28th Street, Cut Flower Exchange.
New Telephone No. 798 & 799 Madison Sq.**Wholesale Flower Markets**

NEW YORK, Dec. 22

| | |
|-----------------------------------|-------------|
| Roses, Beauty, best..... | 15.00@50.00 |
| " " medium..... | 3.00@10.00 |
| " " culls..... | 1.00@ 2.00 |
| " Liberty, best..... | 10.00@25.00 |
| " " medium..... | 3.00@10.00 |
| " " culls..... | 1.00@ 2.50 |
| " Bride, Bridesmaid, G. Gate..... | 1.50@15.00 |
| " Kaiserin, Carnot..... | 1.50@10.00 |
| Carnations..... | 1.50@ 3.00 |
| " fancy and novelties..... | 3.00@10.00 |
| Lilies..... | 1.00@ 4.00 |
| Smilax..... | 5.00@10.00 |
| Adiantum..... | 10@ .50 |
| Asparagus..... | 25.00@50.00 |
| Gardenias..... | 2.00@ 8.00 |
| Violets..... | .50@ 1.25 |

Market dull to-day.

Charles Millang

WHOLESALE FLORIST.

Conservatory connected from which I can ship
ferns and decorative plants promptly.50 W. 29th St. NEW YORK.
Tel. 3860 and 3861 Madison Square.Receivers and Shippers of Cut Flowers.
Consignments Solicited.A. L. YOUNG & CO., Wholesale
Florists,
54 West 28th Street,
Telephone 3559 Madison Sq. NEW YORK.**FORD BROS.**

Receivers and Shippers of

Fresh Flowers111 West 30th St., NEW YORK.
Telephones 3870-3871 Madison Sq.

REPRESENTING EMINENT GROWERS.

Julius Lang

53 West 30th Street, NEW YORK.

COMMISSION DEALER in FLOWERS
TELEPHONE 250 MADISON SQUARE.**ALEX. J. GUTTMAN,**

Wholesale Commission Florist,

All varieties of Cut Flowers in season
at right prices, and of the
BEST QUALITY.52 W. 29th Street, NEW YORK CITY.
Telephone 1664 and 1665 Madison Square.**THE
NEW YORK CUT FLOWER CO.**55 and 57 West 28th St.,
WHOLESALE FLORISTS.Daily Reports. Weekly Payments.
TELEPHONE J. A. MILLANG,
756 Madison Sq. MANAGER.**CARNATIONS** My Specialty.
CONSIGNMENTS SOLICITED.Prompt Payments. Established 1881
Alfred H. Langjahr, 55 W. 28th St.
New York.
Telephone 3924 Madison Sq.**EDW. C. HORAN,**

55 WEST 28TH STREET,

Telephone 421
Madison Square.

.....NEW YORK.

CUT FLOWERS AT WHOLESALE.

CUT FLOWERS OR DESIGNS will be Delivered for the Trade on Wire or Mail Orders in Best Qualities and Prices:

NEW YORK.

Steamer Gifts

Orders for flowers in any form carefully filled and delivered by special messenger on board any steamer on day of departure from New York.

THOS. YOUNG, JR.
43 W. 28th St., NEW YORK CITY.

Please mention the American Florist when writing.

SAN FRANCISCO.

TELEPHONE MAIN 1023.

SIEVERS & BOLAND,
Floral Artists,

33 Post Street, SAN FRANCISCO, CAL.

INDIANAPOLIS.

Bertermann Bros. Co.,
FLORISTS,

241 Massachusetts Ave., INDIANAPOLIS, IND.
Please mention the American Florist when writing.

ST. LOUIS.

Fred. C. Weber,
FLORIST,

4320-4328 Olive St., ST. LOUIS, MO.
Established 1873. L. Dist. Phone Lindell 196 M.

DENVER.

The Park
Floral Co.

J. A. VALENTINE, Pres. DENVER, COLO.

MILWAUKEE.

C. C. Pollworth Co.
MILWAUKEE, WIS.

Will take proper care of your orders in

WISCONSIN.

CHICAGO.

Established 1857.

The Geo. Wittbold Co.
1657 Buckingham Place, CHICAGO.

Growers and importers. The oldest and leading house in Central and Western United States. Decorative plants a specialty. Mail and Wire Orders Get Prompt attention.

Palmer's

BUFFALO,
N. Y.

DETROIT.

JOHN BREITMEYER'S
SONS

Cor. MIAMI and GRATIOT AVES.

DETROIT, MICH.

Artistic Designs. ***

High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Please mention the American Florist when writing.

CHICAGO.

P. J. HAUSWIRTH
Auditorium Annex,
CHICAGO.

Mail, telegraph or telephone orders filled promptly in best style.

OMAHA.

HESS & SWOBODA,
FLORISTS,

1415 Farnam Street, OMAHA, NEB.
Phone 1501 and L. 1682.

SPRINGFIELD.

Mark Aitken
FLORIST.

388 Main St., Springfield, Mass.

WASHINGTON.

Joseph R. Freeman,
FLORIST,

612 13th St. N.W., WASHINGTON, D. C.

ST. PAUL.

HOLM & OLSON,
ST. PAUL.

THE LEADING FLORISTS OF THE N. W.
Orders will be well cared for anywhere in Minnesota and the Dakotas.

MILLS THE FLORIST,

36 W. Forsyth Street,

JACKSONVILLE, FLA.

A. Gude & Bro.
FLORISTS

1214 F St., WASHINGTON, D. C.

Indianapolis Floral Co.

839 Ft. Wayne Avenue,

INDIANAPOLIS, IND.

WHOLESALE

Commission Florists.

ALL ORDERS PROMPTLY FILLED IN BEST POSSIBLE MANNER.

Consignments Solicited. We are in position to give prompt and liberal returns on all consignments.

WANTED, Bulbs.

We want to buy in lots of 1,000 to 10,000 each the following: TULIPS, select mixtures, CROCUS, HYACINTHS, separate colors mixed, NARCISSUS, all kinds, LILIES.

CHAS. CHADWICK,

COR. FULTON & LAGRAVE,

Grand Rapids, Mich.

WHOLESALE and RETAIL FLORIST.

High-Grade Cut Blooms.

Carnations, Roses, 'Mums, Violets, Etc.

Choice American Beauties a Specialty.

Artistic Designs on Short Notice.

Good Shipping Facilities to all Michigan Points.

—A TRIAL ORDER SOLICITED.—

JOHN WOLF,

Wholesale and Retail Florist,

SAVANNAH, GA.

Paper White Narcissus and Roman Hyacinths.

\$2.00 per hundred, in any quantity.

Long Distance Telephone Connections.

LEIKENS

7 E. 33d St. Near New York City.
Telephone No. 1417 Madison.

Christmas and New Year Orders

By Telegraph Faithfully Filled.

Orders for Baskets, Boxes, Designs, Steamers, Receptions, and from out-of-town Florists will receive personal and careful attention. We guarantee perfect satisfaction.

—GREEN AND BRONZE—

Galax Leaves.

Fresh gathered, \$3.00 per case of 5,000.
Cash with order.

HALL & JONES COMPANY,
BLOWING ROCK, NORTH CAROLINA

**Carnations, Roses,
Liberties, Mignonette,
Poinsettias, Stevia.**

Hudson River VIOLETS

We have the Best the Market
Affords in all Kinds of

CUT FLOWERS.

Write to Us Now in Regard to Your Wants.

A. L. RANDALL CO.

19 Randolph Street,

CHICAGO, ILL.

R. C. HAYDEN, Sec'y and Treas.

WM. J. MUTH, Manager.

PHILADELPHIA CUT FLOWER CO.

Wholesale Commission Florists

*CHOICE BEAUTIES, MAIDS AND BRIDE ROSES,
FANCY CARNATIONS*

AND ALL OTHER SEASONABLE FLOWERS.

1516-1518 Sansom Street,

Bell and Keystone Phones.
Open 7:30 a. m. to 8 p. m.

PHILADELPHIA, PA.

Please mention the American Florist when writing.

PETER REINBERG

51 Wabash Ave., CHICAGO.

Wholesale Cut Flowers

**LARGEST GROWER
IN THE WORLD.**

Price List.

| AMERICAN BEAUTIES— | | Per doz. |
|-----------------------|--|------------------|
| Extra Select..... | | \$10.00 |
| 30-inch stems..... | | 8.00 |
| 24-inch stems..... | | 6.00 |
| 18-inch stems..... | | 4.00 |
| 15-inch stems..... | | 3.00 |
| 12-inch stems..... | | 2.00 |
| Short stems..... | | \$1.00 to \$1.50 |
| | | Per 100 |
| LIBERTY..... | | \$8.00 to 15.00 |
| CHATENAY..... | | 8.00 to 15.00 |
| MAIDS AND BRIDES..... | | 6.00 to 10.00 |
| PERLE..... | | 6.00 to 8.00 |
| GOLDEN GATES..... | | 6.00 to 8.00 |
| METEOR, SUNRISE..... | | 6.00 to 10.00 |
| CARNATIONS..... | | 4.00 to 5.00 |

All flowers are perfectly fresh and properly packed.
No charge for P. & D. on orders over \$5.00.



FANCY CUT FLOWERS A SPECIALTY.

If you want Choice Cut Flowers at any time or all
the time, send to

CHARLES W. McKELLAR,

51 Wabash Avenue, CHICAGO.

Western Headquarters for Choice

**ORCHIDS, FANCY VALLEY, VIOLETS, BEAUTIES, TEA ROSES,
and CARNATIONS. Wild Smilax, Asparagus, Adiantum,
Smilax, Fancy Ferns always in abundance. Also a complete line of all Florists'
Supplies, Novelties and Wire Work.**

LONG DISTANCE 'PHONE, CENTRAL 3598, AUTO. 3623.

Please mention the American Florist when writing.

Beauties,

ROSES, CARNATIONS, LILIES

—AND—

Cut Flowers of All Kinds.

Michigan Violets a Specialty

**Grand Rapids
Florists' Ass'n.**

60 Wabash Ave., CHICAGO.

Vaughan & Sperry,

Wholesale Florists,

58 and 60 Wabash Ave., CHICAGO.

WRITE FOR SPECIAL PRICES.

Michigan Cut Flower Exchange,

WM. DILGER, Mgr.

Fancy and Dagger Ferns.

All Cut Flowers in Season.

38-40 Miami Ave., DETROIT, MICH.

OUR DIRECTORY FOR 1904 WILL BE MAILED TO YOU
PROMPTLY UPON APPLICATION. PRICE TWO DOLLARS.

KENNICOTT BROS. COMPANY

40-42-44 Randolph St., CHICAGO.

Our reputation has always been that we fill orders when others fail. All stock in season at Lowest Market Rates.

HIGH-GRADE SOUTHERN WILD SMILAX.

And Florists' Hardy Decorative Supplies.
Prices Right.

SPECIAL FACILITIES FOR HANDLING LARGE ORDERS.
WRITE, WIRE OR PHONE.

E. A. BEAVEN, - - Evergreen, Ala.

The Seed Trade.

AMERICAN SEED TRADE ASSOCIATION.

Chas. N. Puge, Des Moines, Ia., Pres.; L. L. May, St. Paul, Minn., First Vice-Pres.; C. E. Keedel, Cleveland, O., Sec'y and Treas. Twenty-third annual convention, June, 1905.

SANTA CLARA, CAL.—J. M. Kimberlin is reported quite ill.

ERNEST BENARY has issued a very handsome colored plate of aquilegias.

CONRAD APPEL will make an extensive display of his specialties at the Cape Town exposition.

ST. LOUIS.—D. I. Bushnell is taking his Christmas vacation at his old home in Massachusetts.

STOWELL'S Evergreen sweet corn stock at first hands in Connecticut is held at about \$2 per bushel.

SEVERAL seedsmen are reported as offering in their 1905 catalogues nitro-culture for inoculating various crops.

It is reported that the warehouse of the Routzahn Seed Company, at Arroyo Grande, Cal., was destroyed by fire.

PROF. THOMAS F. HUNT, of Cornell University, has issued a new and comprehensive book on "The Cereals of America."

BEAN deliveries continue to shrink. One grower reports six per cent delivery on Longfellows and thirteen per cent on Wardwells.

VISITED CHICAGO: W. H. Grenell, of Pierrepont Manor, N. Y., on his annual contracting trip; L. M. Kimberlin, returning to California.

SPRINGFIELD, Mo.—The Planters' Seed Company, Frank W. Maas, secretary and manager, has started here at 220-224 West Walnut street.

WEST BRANCH, MICH.—Edward E. Evans has severed his connection with the Evans Seed Company, but will continue business on his own account.

At a recent meeting of the Ontario Seed Growers' Association, held at Guelph, the important subject under discussion was the standards of purity and vitality of grain.

GARDENA, CAL.—John Bodger & Sons have changed their headquarters from Santa Paula, Ventura county, to this place, where they have secured a large tract of fertile land under irrigation.

BAY CITY, MICH.—H. E. Meeker & Company have opened a seed store in a new building erected for them at Fourth avenue and Saginaw street. Mr. Meeker has handled seeds here many years.

NEW PORT, R. I.—Several late customers who wanted various sorts of forcing tulips, narcissi and hyacinths were obliged to cancel their orders as none could be found either in New York or Philadelphia of the special kinds needed.

THE ONION MARKET.—Reports from onion growing centers indicate that the crop harvested this season is about sixty-five per cent of an average one. The price has advanced from 50 cents per bushel to nearly one dollar and a further upward movement is predicted.

CHICAGO.—Sears, Roebuck & Company are reported to be adding seeds and nursery stock to their other mail order business.

Delaware Holly Conditions.

ED. AM. FLORIST:—I have seen in several trade papers comments on the scarcity of Delaware holly this year and I wish to tell the trade in general through the AMERICAN FLORIST that fancy holly will be short for the next five years, of very light foliage and with few berries. Below note a clipping from a local paper by which you will see the action of the farmers against holly cutters. We have in recent seasons seen young holly trees cut so close that they will be of no account for some years to come. In our city we are now buying our holly outside of Delaware and thereby have secured better holly.

HOLLY CUTTERS WARNING.

We warn all persons against trespassing on our property in Cedar Neck, for the purpose of cutting holly, or with traps, dogs or guns.

WILLIAM POTTE, WILLIAM CYSE,
JOHN H. WATSON, M. M. DICKERSON,
C. H. HOUSTON and SON, near Milford.

J. J. VON R.

Business Correspondence.

When the amount of correspondence is too small to warrant the maintenance of a regular correspondence department, some one should occasionally be employed or appointed to edit all letters. In this way it could be readily determined whose letters were satisfactory. Also a selection might be made of one or more employees who could not only be safely entrusted with the important duty of writing or dictating their own letters, but who could be appointed to oversee and correct the work of others less talented.

The correspondent who really appreciates his responsible position, educates himself to become equal to its demands and keeps his finger on the throbbing pulse of commercialism stands at the top—there is no employee beyond him. Every young man who aspires to succeed in business should give attention to this important pillar of business building.—Alex. Revell in Chicago Daily News.

Louisville.

Last week there were two or three days of good trade. Decorations were not so very numerous but good. Christmas business indications never looked so favorable, especially in retail lines. Many growers have unfortunately missed the crop this year, especially in carnations. There will be some good pink and white chrysanthemums for Christmas, although the quantity will be limited. Roses are coming in of satisfactory quality and supply. The demand is very good. Carnations can be had in good quality, but the supply is limited. The sale of violets has been up to expectations and the quality and supply are satisfactory. Lily of the valley sells fairly well, the quantity being a little short. Mignonettes of good quality are to be had and sell well. There will be a good supply of plants for Christmas sale, such as azaleas, Lorraine begonias, poinsettias, cyclamens, primroses, a few rhododendrons, etc.

Schulz's temporary quarters were made very attractive with a lot of garlands, holly, bells, etc. In the conservatory are to be found a choice lot of green plants, also poinsettias, azaleas, rhododendrons and Lorraine begonias.

Nanz & Neuner had a very pretty window display, containing some cyclamens, Lorraine begonias, stevias, etc. These, together with a lot of small red electric lights, made a good window.

William Walker had his store handsomely decorated, using red goods in great quantities. His cyclamens are

very good, and there should be a good demand for them.

Mrs. C. B. Thompson, F. Walker & Company, Mrs. C. W. Reimers, Fred. Haupt, and several others have been in line with neat Christmas decorations.

August R. Baumer has his store in fine shape for a big Christmas business.

Arthur T. Boddington, of New York, was a recent visitor. F. L. S.

WESTFIELD, MASS.—Improvements have been made at Henry Barton's store on Elm street, adding space and convenience.

WESTERN SEED COMPANY,

Largest Wholesale and Retail Growers of Field Seed Corn in the U. S. We do a general retail mail order business in all kinds of Field, Garden and Flower Seeds. We are always in the market to buy or to sell all kinds of seeds in large or small quantities. If interested, ask for our FREE ANNUAL SEED CATALOG.

WESTERN SEED CO., Shenandoah, Iowa.

Asparagus Plumosus Nanus.

FRESH SEED GROWN UNDER GLASS,

100 Seeds, 75c; 1000 Seeds, \$6.50.

WM. ELLIOTT & SONS, New York.

Asp. Plumosus Nanus Seed

In quantities to suit. \$2.25 per 1000.
February delivery. Early orders requested.

REES & COMPERE,

P. O. Address: Long Beach, Cal., R. D. No. 1.

Cauliflower and Cabbage Seed.

Extra earliest Dwarf Snowball and Extra Dwarf Danish Giant Cauliflower Seed.
Extra Amager Danish Ballhead and Improved Amager (short-stemmed) Cabbage Seed.

Contract prices on application. Please to visit us when in Europe. Wholesale growers for the trade only.

HJALMAR HARTMANN & CO.,
Stormgade 12, Copenhagen, K.

MISTLETOE

Finest and choicest to be had, every bunch well-berried and handled to protect berry. Packed in light patent cases and reaches consumer without breakage.

A. B. Silliman & Co.
BOONE, IOWA.

THE HARDY ANNUAL OF THE CENTURY Nicotiana Sanderæ

Silver Medal Massachusetts Horticultural Society 1904. Gold Medals and First-Class Certificates awarded at principal European Exhibitions.

Thousands of glowing carmine blossoms produced on a single bush. Seeds in original packets from seedsmen throughout the United States.

SANDER & SONS, St. Albans, England.

WHOLESALE AGENTS FOR THE UNITED STATES:

HENRY A. OREER, Chestnut St., Philadelphia, Pa.
J. M. THORBURN, Cortlandt St., New York.
VAUGHAN'S SEED STORE, Chicago and New York.



NEW CROP FLOWER SEEDS

FOR PRESENT SOWING.

10 PER CENT SPECIAL CASH DISCOUNT. On orders over \$2.00 for Flower Seeds if the cash is enclosed. This discount does not apply to Asparagus Seed. Cash discount on this is 2 per cent.

We are HEADQUARTERS for Greenhouse Crown Seed of ASPARAGUS PLUMOSUS NANUS.

Asparagus Plumosus Nanus.

| | Trade Pkt. | Oz. |
|--------------------------------------------------------------------------------------------------------|------------|-----|
| Ageratum, Imperial Dwarf, blue | 10 | .25 |
| Imperial Dwarf, white..... | 10 | .25 |
| Blue Perfection, dwarf new..... | 10 | .30 |
| Princess Pauline, fine for pots and borders..... | 10 | .30 |
| Princess Victoria Louise, new, beautiful blue and white flowers, plants compact and free-blooming..... | 10 | .60 |
| Alyssum, Sweet | 10 | .65 |
| Alyssum Little Gem, extra fine strain | 10 | .35 |
| Ampelopsis Veitchii | 10 | .15 |

ASPARAGUS PLUMOSUS NANUS.

New Crop, Greenhouse Crown Seed, per 100 seeds, 75c; 250 seeds, \$1.50; 1000 seeds, \$5.00.

Plumosis Robustus, new, per 100 seeds, \$1.00; 1000 seeds, \$10.00.

Sprengeri, 100 seeds, 15c; 1,000 seeds, 75c; 5,000 seeds, \$3.25.

Write for prices on larger lots on above three.

Decumbens, 100 seeds, 50c; 1,000 seeds, \$1.00.

Scandens Delicatus, suitable for hanging baskets and to cut, 100 seeds, \$1.25.

Comoriensis, per 100 seeds, \$1.25; 1,000 seeds, \$10.00.

ASTERS.

| Queen of the Market, | Trade Pkt. | 1/4 Oz. | Oz. |
|----------------------|------------|---------|-----|
| White..... | 10 | .20 | .50 |
| Pink..... | 10 | .20 | .50 |
| Scarlet..... | 10 | .20 | .50 |
| Light blue..... | 10 | .20 | .50 |
| Dark blue..... | 10 | .20 | .50 |
| Mixed..... | 10 | .15 | .40 |

Branching or Simple,

| White | Trade Pkt. | 1/4 Oz. | Oz. |
|--------------------|------------|---------|-----|
| Rose pink..... | 10 | .20 | .50 |
| Lavender..... | 10 | .20 | .50 |
| Red..... | 10 | .20 | .50 |
| Purple..... | 10 | .20 | .50 |
| Light blue..... | 10 | .20 | .50 |
| Daybreak pink..... | 10 | .20 | .50 |
| Mixed..... | 10 | .20 | .50 |

Vaughan's Upright White Branching

..... 10 20 .65

Vaughan's Upright Pink Branching

..... 10 20 .65

Early Flowering Hohenzollern Aster. Like the Giant Comet as to habit and shape of flowers, and about twice as large as those of the Queen of the Market, while just as early as that variety. One of our German seed grower friends writes us: "This is the most perfect of all White Asters up-to-date." White or Rose, each, trade pkt., 25c; 1/4 oz., 40c; oz., \$1.50.

New Ever-Blooming Aster, "IDEAL." This new Aster produces, perhaps, more salable cut flowers to a plant than any other kind. The plants grow from 16 to 18 inches high and are in bloom from the beginning of August to the end of September almost uninterruptedly. In shape the flowers resemble the Victoria type, except that the petals are looser so as to give the flowers a very graceful appearance. White, light blue, dark blue, crimson, each, trade pkt., 15c; 1/4 oz., 30c; oz., \$1.00.

New Aster, Cactus-Flowered, White. Has twisted petals, like a Cactus Dahlia, pure white, long stem, extra, 1/4 oz., 50c.

Trade Pkt. 1/4 Oz. Oz.

Balsam, Alba Perfecta. This is the largest and best double white Balsam, unequalled in doubleness and large size of its camellia-shaped flowers..... 10 25 70

Begonia, Single, Tuberous-rooted, Giant Flowered, mixed..... 50

Begonia, Double Tuberous rooted, Giant Flowered..... 50

Begonia Vernon..... 1/4 oz., 30c 10 2 00

Bells or Double Daisy,

Vaughan's Mammoth Mixture,..... 1-16 oz., 45c .25

Bells or Double Daisy,

Vaughan's Mammoth White..... 1-16 oz., 40c .25

Vaughan's Mammoth Pink..... 1-16 oz., 65c .25

Longfellow, dark pink, 1/4 oz., 35c .20 2 50

Snowball, dbl. white, 1/4 oz., 35c .20 2 50

Candytuft, Giant Hyacinth-Flowered. This improved strain is superior to Empress..... 1/4 oz., 10c .15

Canna, Crozy sorts, extra choice mixed..... 1/4 oz., \$1.20 10

Calceola, President Thiers. This is a splendid variety which is so much and effectively used in our parks..... 15 1.25

Calceola Thompsoni Magnifica. This novelty represents the most perfect strain of the feathered or ostrich pinned Cockcomb. The plants have a true pyramidal branching growth, and the flower spikes vary in the most magnificent colors, ranging from the clearest yellow to the darkest blood red. Of great value for all decorative purposes in and out of doors..... 1/4 oz., 25c .10

Trade Pkt. Oz.

Centaura Candidissima (Dusty Miller) 1,000 seeds..... .25 1.70

Centaura Gymnocarpa..... 1/4 oz., \$2.75 .30

Clematis paniculata, white, sweet scented..... 1/4 oz., \$4.50 .15

Cineraria Maritima "Diamond". This is one of the finest foliage bedding plants. The leaves are broad, snow-white and lasting. Superior to the older varieties..... 1/4 oz., 60c .15

Cineraria Maritima Candidissima..... 10 .20

Coleus, Mammoth Rainbow Mixture, a very fine mixture..... 1-32 oz., 50c .20

Coleus, Large Leaved Sorts, extra choice mixed..... .20

Trade Pkt. Oz.

VAUGHAN'S GIANT-FLOWERED CYCLAMEN.

Pure White (Mont Blanc) 100 seeds, 65c

Dark Crimson } 1000 " \$5.00

Rosa von Marienthal, "Daybreak" } 250 seeds of

Pink } any one kind

Dark Rose } at the 1000

White with Carmine Eye rate.

Rubrum, new, the darkest good red, 100 seeds, \$1.50.

White Fringed, very fine flower, 100 seeds, \$1.00.

Extra Choice Mixed, per 100 seeds, 50c; 250 seeds, \$1.15; 1,000 seeds, \$4.50; 5,000 seeds, \$8.00.

New Giant Orchid-Flowered Cyclamen, Pure White, Red, Pink, White, with carmine eye, and Lilac colored, each per 100 seeds, \$1.00; 1,000 seeds, \$9.00.

Giant Orchid-Flowered Cyclamen in choicest mixture, 25 seeds, 25c; 100 seeds, 85c; 1,000 seeds, \$8.00.

DAHLIA, Burbank's Selection. The seed we offer is of L. Burbank's own saving, and he writes: "This seed will produce a greater proportion of large, clear, bright colored, perfect double flowers than any ever before offered; 90 per cent of good flowers can be expected." The colors are salmon, light and dark crimson, deepest purple to maroon and almost black, light straw, deepest yellow and a few white, mostly of the Cactus type. Blooms the first year from seed. Pkt. (100 seeds) 50c. Trade Pkt. Oz.

Dracaena Indivisa..... 1/4 lb., \$2.50 \$.10 \$.25

Burbank's New Shasta Daisies,..... 1-16 oz., \$1.00 .25

Vaughan's Early and Late Flowering Forget-me-not..... 1/4 oz., 25c .10 80

Geranium, Apple-scented, 200 seeds, 25c; 1,000 seeds, \$1.00.

Gloxinia Hybrid, Vaughan's Columbian Mixture, Pkt. (1,000 seeds) 50c; 3 pkts. for \$1.25.

Crevillea Robusta (Silk Oak)..... 10 .45

Heliopsis, mixed..... 10 85

Lemoine's Giant, extra choice mixed..... 25 2.00

IPOMEA NOCTIFLORA, Moonflower.

White seeded..... 100 seeds, 50c \$.10 \$.50

Black seeded..... 100 seeds, 50c .10 .40

New Hybrid, blooms early..... 10 .40

New Giant Pink..... 10 .30

Lemon Verbena..... 1/4 oz., 10c .15

Linaria (Kendalworth Ivy)..... 1/4 oz., 40c .15

Lobelia, Crystal Palace Compacta..... 15 1.25

Spectiosa, dark flowers and foliage, for hanging baskets..... 1/4 oz., 15c .10 .50

Emperor William, dwarf..... 1/4 oz., 20c .10 .85

Bedding Queen..... 1/4 oz., 15c .15 1.25

Matricaria (Japensis) fl. pl. Double White Feverfew..... 10 .25

Maurandya, Mixed..... 1/4 oz., 25c .10 1.00

Mimulus (Musk Plant)..... 1/4 oz., 30c .10 1.00

Musa Ensete, 100 seeds, \$1.00.

Nicotiana Sanderae, with large bright carmine flowers..... .17

Pandanus Utilis, 100 seeds, \$1.00.

PANSIES.

Vaughan's Up-to-Date "International"

Received the only reward for Mixed Pansies at the World's Fair. It is to-day better and more complete than ever. It contains the cream of the stock of 10 Pansy Specialists. There is no better mixture in existence, as all the florists who say or used it can tell you. Price per oz., \$10.00; 1/2 oz., \$5.00; 1/4 oz., \$1.50; trade pkt., 50c.

Vaughan's "Giant Mixture."

This mixture is specially made by us from all the separate colors of Giant Trimarjean, the Giant Bugnot and Cassier and several special strains which cannot be had any other way. If your trade demands large flowers there is no better mixture. Price 1/4 lb., \$14.00; oz., \$4.00; 1/4 oz., 60c; trade pkt., 25c.

Vaughan's Premium Mixed, per pkt., 25c; 1/4 oz., 50c; 1/2 oz., \$3.00; oz., \$5.50.

Chicago Parks Bedding, "Choice Mixed" pkt., 10c; 1/4 oz., 30c; oz., \$1.10; 4 oz., \$3.00.

Petunia, "Vaughan's Best" Mixture of Large Flowering Petunias, trade pkt., (1,000 seeds) 50c; 3 pkts. for \$1.25.

Petunia, Howard's Star. Distinct from Inimitable, or Blotched and Striped. The color is a rich velvety crimson-maroon; a splendid sort for borders, hanging baskets, vases, etc. Pkt. (500 seeds) 25c.

Petunia, Vaughan's Double Petunias, mixed, trade pkt. (500 seeds) \$1.00.

Petunia, Double pure white, 250 seeds, 50c.

Petunia, Extra Large Flowering, double fringed. This extra choice strain produces about 30 per cent of splendid double fringed flowers. Trade pkt. (500 seeds) 60c; 1,000 seeds, \$1.00.

Trade Pkt. Oz.

Pyrethrum, Golden Feather..... \$.10 \$.30

Schlagintroms..... 10 .50

Salvia splendens, Clara Redman (Bonfire)..... 25 2.25

Drooping Spikes..... 1/4 oz., 50c .25 2.00

Silverspot..... 1/4 oz., 50c .25 3.50

Fireball, new, best of all..... .25

Smilax, new crop, 1/4 lb., 70c; lb., \$2.50. .10 .25

STOCKS, Large-Flowering German 10 Weeks.

Pure White, Brilliant Rose, Bright Crimson, Blood Red, Purple, Light Blue, Canary Yellow, Price each above per 1/4 oz., 40c; oz., \$2.25; pkt., 25c.

Trade Pkt. Oz.

Large Flowering, extra choice mixed..... 1/4 oz., 35c .25 \$2.00

Thunbergia, Mixed..... 1/4 oz., \$1.00 .10 .40

"Vaughan's Best" Mixture of Verbenas..... 1/4 oz., 50c .25 2.00

Verbena Candidissima, white, 1/4 oz., 20c .10 .80

Delfance, brightest scarlet..... 1/4 oz., 25c .10 .75

Mammoth, mixed..... 1/4 oz., 25c .15 .75

Mammoth, white..... 1/4 oz., 25c .15 1.00

Firefly, new brilliant scarlet..... .25 1.50

Pink and Carmine shade..... .25 2.50

Vaughan's Seed Store,

NEW YORK, 14 Barclay Street.

84-86 Randolph Street, CHICAGO.

Greenhouses, Nursery and Trial Grounds, Western Springs, Ill.

The Nursery Trade

AMERICAN ASSOCIATION OF NURSERYMEN.

E. W. Kirkpatrick, McKinney, Tex., Pres.;
C. L. Watrous, Des Moines, Ia., Vice-Pres.;
George C. Seager, Rochester, N. Y., Sec'y.
Thirtieth annual convention, West Baden
Springs, Ind., June, 1905.

THE dealers handling the new dwarf Crimson Rambler (Mme. Levvasseur) report that it is going very satisfactorily.

THE friends of Prof. S. A. Beach, of Geneva, N. Y., are urging his candidacy for the vacancy in the horticultural department of the Ames, Ia., agricultural college.

SHENANDOAH, IA.—The nurseries in this city have been making extensive improvements. The Mt. Arbor Nursery has occupied an elegant new office building just finished.

NEWPORT, R. I.—Aug. Rhotert was represented here this past week by Henri Kallen, who reports trade as very good. The foreign firms he represents through Mr. Rhotert state they will accept no more rose orders for spring delivery.

BEAUMONT, TEX.—W. G. Hegele has made arrangements for establishing a nursery just north of the city limits, to which 160 acres of land will be devoted. The people of this section are awakening to the possibilities of this territory as a fruit growing center.

Foreign Stocks of Mme. Levvasseur Rose.

The plants of the dwarf Crimson Rambler rose shipped this fall by those who grew on contract have been uniformly more than fifty per cent under the proper size. The Orleans growers are entirely sold out. Stock in Holland is quite limited. The dry summer which prevailed over all Europe has been so unfavorable to the growth that wood for propagating is limited.

Notes of Seasonable Work.

Do your mulching, now that the frost is well in the ground.

If you have not got a place now to sow Clematis paniculata seed, stratify it. Sow it next July and it will germinate and soon make fine little plants to go into winter.

Not until the frost was out of the ground last spring did nurserymen discover that severe freezing injured althæa roots and not the tops.

Rosa rugosa has a good future as an ornamental rose.

A few years ago nurserymen would get in all the foreign shipments before the cold weather, but how different now. There is scarcely a day all winter that goods do not arrive.

Mersereau, the new blackberry, will head the list of blackberries of the world if it holds out its present gait.

Christmas trees, nursery grown in desirable sizes, were picked up close.

Nursery firms are already getting out their catalogues. M.

Retail Stock at Wholesale Prices.

ED. AM. FLORIST:—The nursery trade is dealing with landscape architects in a very unbusinesslike way. As I understand it, landscape architects are now able to purchase nursery stock at regular wholesale prices and nurserymen bill such purchases direct to the client of the

architect, who is practically a retail customer, at the regular wholesale prices, thus disclosing to the retail trade the wholesale prices that prevail among nurserymen. This is a pernicious method of doing business and will result in a great demoralization in the nursery business in the near future. However, it is very difficult for one individual to correct such abuses that crop up in the trade, especially where the party who requires the business to be done in this manner is a very heavy buyer of nursery stock. So far as we are concerned we can see no way out of this matter excepting to put ourselves in the same position now occupied by the landscape architects, and that is to keep our own architectural department and to advertise extensively to the builders of new estates, that all customers employing our landscape architect department will be placed upon our regular wholesale list and will be sold goods at the same prices as we sell to the regular wholesale trade.

NURSERY.

Christmas Trees.

More than 1,000,000 Christmas trees have been taken from the sides of the Green Mountains to supply in part the wants of New York and Boston, says an associated press dispatch of December 21 from Burlington, Vt. Most of these trees have been cut in the vicinity of Healdville, Mount Holly, Cuttingsville and Shrewsbury. Throughout the rest of the Green mountain range the trees had been cut in former years, and now Vermont is stated to be practically destitute of spruce trees.

The prices paid for the trees vary from 1 cent to 50 cents each on the stump. Their selling prices in the cities vary from 50 cents to \$5.

Rochester, N. Y.

The Western New York Horticultural Society is to hold its fiftieth jubilee anniversary in this city January 25 and 26. The exhibits and programme promise to be the most extensive ever prepared by the society. The society has between 500 and 600 members, to whom advance notices of the meetings have been sent. The officers of the society are: President, W. C. Barry; secretary and treasurer, John Hall; vice-presidents, S. D. Willard, Geneva; J. S. Woodward, Lockport; Albert Wood, Carlton Station and Grant C. Hitchings, Syracuse. The executive committee is made up of C. S. Hooker, Rochester; H. S. Wiley, Cayuga; Wing R. Smith, Syracuse; Edward M. Moody, Lockport and Henry L. White, Brockport.

Western Wholesale Nurserymen.

The Western Association of Wholesale Nurserymen, which opened its annual convention at the Coates house, Kansas City, Mo., December 20, with a large number of nurserymen from Missouri, Kansas, Iowa and the southwest in attendance, is considering the proposition of breaking down the barrier which has hitherto existed between the large and small nurserymen and uniting them all in one body.

An amendment to the constitution of the association was offered by A. L. Brooke, of Topeka, providing for the dropping of the word "wholesale" from the title of the organization. It would then be known simply as the Western Association of Nurserymen, and would not, as now, be restricted to the large

nurseries, which do a wholesale business.

The amendment will not be voted upon until next year's meeting, but the sentiment of the association seems to be favorable to its adoption.

The annual election resulted in the choice of these officers for the ensuing year:

President, Peter Youngers, Geneva, Mo.

Vice-president, A. Willis, Ottawa, Kan.

Secretary and treasurer, E. J. Holman, Leavenworth, Kan.

Executive committee, F. H. Stannard, Ottawa, Kan.; W. P. Stark, Louisiana, Mo.; R. J. Bagby, New Haven, Mo.; D. S. Lake, Shenandoah, Ia., and E. P. Barnardin, Parsons, Kan.

The association endorsed a petition to congress circulated by the Postal Progress league, asking for the consolidation of third and fourth class mail matter, and the extension of the merchandise weight limit to eleven pounds and a rate of 5 cents for a pound package and 25 cents for an eleven pound package.

In Tuesday's programme the principal address was delivered by W. P. Stark, of Louisiana, Mo., on "What can we do to regulate the propagation of nursery stock and keep up prices so as to get a fair profit each year?" Other talks on topics of interest to the trade were made by R. J. Bagby, E. S. Welch, J. A. Lopeman, E. M. Sherman and J. W. Schuette.

The Wednesday morning session was open to anyone interested in horticultural matters. Its principal feature was an address by Professor George G. Hedgecock, assistant in pathology at the Missouri Botanical Gardens, who spoke of the diseases of trees and shrubs, especially of root diseases.

A number of the prominent retail nurserymen of the west also met with the wholesalers at the Coates house Tuesday evening to talk over trade conditions. J. W. Hill, of Des Moines, Ia., presided over the meeting, but no organization was formed, as it is thought that the retailers will be admitted to membership in the western association by next year.

New Crop Seeds FOR PRESENT SOWING.

AMPELOPSIS VEITCHI, oz. 15c; lb., \$1.00.

ARISTOLOCHIA SIPHO, oz., \$1.25.

CLEMATIS PANICULATA, oz., 50c; lb., \$4.50.

Vaughan's Seed Store,

14 Barclay St., NEW YORK. P. O. Box 688, CHICAGO.



Send to **THE MOON**
Company
For { Trees, Shrubs, Vines
Your } and Small Fruits.
Descriptive Illustrated Catalogue Free.
THE WM. H. MOON CO.
Morrisville, Pa.

BABY RAMBLER

The New Rose

Strong dormant plants for December delivery. \$4.50 per dozen; \$35.00 per 100.

James Vick's Sons,

ROCHESTER, N. Y.

CARNATIONS

Best New and Standard Varieties.

Let us book your order NOW, that you may be sure of early delivery.

| | Per 100 | Per 1000 |
|--------------------------------------------------------------|---------|----------|
| FIANCEE , Prize-winning Pink, March delivery | \$12.00 | \$100.00 |
| CARDINAL , Large Scarlet, January delivery | 12.00 | 100.00 |
| ECLIPSE , Dorner's New Pink, January delivery | 12.00 | 100.00 |
| RICHMOND CEM , Scarlet Money-Maker, Jan. delivery | 10.00 | 75.00 |
| CHICAGO WHITE , Rudd's New White, Feb. delivery | 12.00 | 100.00 |
| PHYLLIS , Rudd's Fine Light Pink, Feb. delivery | 12.00 | 100.00 |
| RED LAWSON , Red sport from Lawson, Jan. delivery | 10.00 | 75.00 |
| GIBSON BEAUTY , Large Light Pink, Jan. delivery | 12.00 | 100.00 |
| WHITE SWAN , Productive Pure White, Jan. delivery | 12.00 | 100.00 |
| LADY BOUNTIFUL , Best all-around White, Jan. delivery | 6.00 | 50.00 |
| NELSON FISHER , Cerise Pink, large and free | 6.00 | 50.00 |
| WHITE LAWSON , White sport from Lawson, Jan. delivery | 7.00 | 60.00 |
| INDIANAPOLIS , Bright Clear Pink, free, Jan. delivery | 5.00 | 40.00 |
| THE BELLE , Large Pure White, Jan. delivery | 6.00 | 50.00 |
| FLAMINGO , Large Brilliant Scarlet, Jan. delivery | 6.00 | 50.00 |

ALSO ALL STANDARD SORTS OF OLDER KINDS.

| | |
|-----------------------------------------------------------------|--------|
| FICUS ELASTICA , 5-inch pots, 22 to 24 inches, per dozen | \$4.25 |
| Very fine and all perfect plants | |

Large stock of Palms of all kinds and sizes. Send for Special List.

VAUGHAN'S GREENHOUSES, WESTERN SPRINGS, ILL.

Boston Ferns. Nephrolepis Exaltata Bostoniensis.

We have the finest stock in the West. All our plants are pot-grown, bushy stock, well-furnished with fronds from the pot up, and cannot be compared with the cheap, long-drawn-up lifted stock from the bench. A sample shipment will convince you of our superior stock. **Let Us Ship You Now.**

| | Each | Per doz. | Per 100 |
|--------------------|--------|----------|----------|
| 24-inch pot plants | \$.50 | \$ 4.00 | \$ 40.00 |
| 3 " " | 1.00 | 8.00 | 80.00 |
| 4 " " | 2.50 | 20.00 | 200.00 |
| 5 " " | .50 | 5.00 | 40.00 |
| 6 " pans | .75 | 7.00 | 50.00 |
| 7 " " | 1.00 | 9.00 | 65.00 |
| 8 " " | 1.50 | 15.00 | |

THE NEW FERN

Nephrolepis Scottii.

We have a large stock of this new fern; well-grown plants.

| | Per doz. | Per 100 | | Per doz. | Per 100 |
|-------------|----------|---------|-------------|----------|----------|
| 4-inch pots | \$5.00 | \$40.00 | 6 inch pots | \$15.00 | \$100.00 |
| 5-inch pots | 8.00 | 60.00 | 7-inch pots | 18.00 | |

Peonies....

A very select assortment; more than 150 choice varieties, containing the best standard kinds.

HARDY ORNAMENTAL NURSERY STOCK in great variety at low prices. Ask for Wholesale Trade List.

J. DYKHUIS & CO., BOSKOOP, HOLLAND.

The Storrs & Harrison Co.

PAINESVILLE NURSERIES.
CATALOGUES AND PRICE LISTS
FREE ON APPLICATION.....

Painesville, Ohio.

HAERENS EXOTIC NURSERIES

SOMERCEM, GHENT, BELGIUM.

Furnish **PALMS, ARAUCARIAS, BAY TREES, FICUS** and other decorative plants for 1905. Spring delivery, in prime quality, carefully packed. For trade list address the American Agents

August Rölker & Sons

31 Barclay St., P. O. Box 752, NEW YORK.

Jacs Smits, Ltd. (NAARDEN, Holland.)

(BRANCH AT BOSKOOP.)

Wholesale Growers of Hardy Fancy, Ornamental nursery stock, pot-grown forcing plants. Lilacs a specialty. Berlin and Hamburg Valley—the best quality. Catalogue free on demand.

When in Europe please inspect our nurseries. **NAARDEN-BUSSUM, near Amsterdam, is our R. R. Depot.**

When in Europe come and see us and inspect our extensive Nurseries. Gouda is our railroad depot.

HARDY, FANCY ORNAMENTAL NURSERY STOCK.

J. Blaauw & Co.,

BOSKOOP, HOLLAND.

Catalogue free on demand. Headquarters for the famous Colorado Blue Spruces, purest, bluest strains

Munson Nurseries.

New catalogue now ready. "Can't buy trees right without it." Get it of

T. V. MUNSON & SON, Denison, Tex.

The MUNSON GREENHOUSES. Cut flowers and Bedding Plants for retail trade.

WILL B. MUNSON, Denison, Tex.

Roses! Roses!

A. ROBICHON FILS, OLIVET, ORLEANS, FRANCE.

Over Half a Million Dwarfs (Grafted on Briar Stock; NOVELTIES). 50,000 Dwarf-Budded, Standards, Etc.

Also Fruit Tree Stock, Rose Stocks, Manetti, Griffaraie, Etc.

Orders rapidly executed, and in rotation. 1904-5 Catalogue to be had Free on application to my Sole Agent for U. S. and Canada.

JOHN SCHEEPERS, 2 Old Slip, New York.

Spiraea

JAPONICA..... picked Per 100 1000
COMPACTA and ASTILBOIDES..... (clumps) \$4.50 \$40.00

GLADIOLUS

COLVILLII, The Bride, white..... .75 5.50
RUBRA, pink..... .60 4.75

ARTHUR T. BODDINGTON,

SEEDS, BULBS, PLANTS, NEW YORK.
342 West 14th St.,

TREES and SHRUBS.

FINE VARIETIES. LOW PRICES.

For both Wholesale and Retail Trade. Send for catalogue.

Peterson Nursery, 503 West Peterson Ave CHICAGO, ILL.

Philadelphia Rambler.

Flowers brighter and much more double than Crispa Rambler, strong grower, blooms earlier and does not bleach out.

Field plants, 2 to 3 ft., \$2.00 per doz.; \$15.00 per 100
Field plants, 3 to 4 ft., \$3.00 per doz.; \$20.00 per 100

The Conard & Jones Co., WEST GROVE, PA.

W. van Kleef & Sons,

Wholesale Growers of all kinds NURSERY STOCK.

BOSKOOP, HOLLAND,

Catalogue free on demand. No Agents. Please inspect our nurseries when in Europe. No agents.

GIANT PANSIES \$2.00 per 1000; colors the best. Sure sellers.

Safely packed for Southern trade. Extras.

DAISIES, Longfellow, \$2 per 1000, strong plants.

Allyseum, Giant Double, strong, 2 inch 2c.

Heliotrope, blue, 2-inch, 1½c. **Alternanthera**,

best red and yellow, R. C. ½c. **Asparagus Sprengeri**, 2-in., 2c. **Plumosea Nenus**, 1½-in., 2c;

3-in., 5c. Rooted cuttings, prepaid.

—CASH—

BYER FLORAL COMPANY, Shippensburg, Pa.

PANSY PLANTS THE JENNINGS STRAIN

Fine plants, fancy colors, large flowering. Large plants in bud and bloom, \$1.00 per 100. Medium size for cold frames, \$3.50 per 1000; 500 for \$2.00. By mail, 75c per 100. Seed, \$1.00 per pkt.; \$5.00 per oz. Cash with order.

E. B. JENNINGS, Lock Box 254, SOUTHPORT, CONN.

GROWER OF THE FINEST PANSIES.

INDIANAPOLIS, IND.—A bill is being drafted asking for an appropriation of \$5,000 in aid of the horticultural interests of the state. The florists should see that they are not forgotten in the handling of the funds.

Our Pastimes

Announcements of coming contests or other events of interest to our bowling, shooting and sporting readers are solicited and will be given place in this column.

Address all correspondence for this department to J. H. Pepper, 42 West 28th St., New York; Robt. Kift, 1735 Chestnut St., Philadelphia; or to the American Florist Co., Chicago.



Christmas Greens.—Life.

Jehovah never did a finer thing than when He turned Adam and Eve out of the Garden, and said, "Children, get busy!"—*The Philistine*.

At Newport, R. I.

Wednesday night on the artillery company's alleys the artillery team defeated the gardeners two strings to one, though the gardeners led on total points by seven pins. Big pins were used. The score:

| ARTILLERY. | | | | |
|--------------------|-----|-----|-----|------|
| Player | 1st | 2d | 3d | T'l |
| H. S. Bliss..... | 115 | 137 | 102 | 354 |
| C. A. Bloom..... | 112 | 105 | 142 | 359 |
| H. M. Sherman..... | 158 | 121 | 141 | 420 |
| C. H. Barlow..... | 78 | 89 | 111 | 278 |
| F. P. King..... | 125 | 114 | 142 | 381 |
| Totals..... | 588 | 566 | 638 | 1792 |

| GARDENERS. | | | | |
|-----------------------|-----|-----|-----|------|
| Player | 1st | 2d | 3d | T'l |
| William Smith..... | 120 | 145 | 142 | 407 |
| R. Gardner..... | 93 | 118 | 146 | 357 |
| A. Frazer..... | 115 | 98 | 119 | 332 |
| C. D. Stark..... | 72 | 132 | 101 | 307 |
| Robert Patterson..... | 130 | 167 | 101 | 398 |
| Totals..... | 530 | 660 | 609 | 1801 |

At Boston.

On Monday, December 19, the Seed Trade Bowling League rolled the regular match game and a postponed game. The regular game was between R. & J. Farquhar & Company and Jos. Breck & Sons, Farquhar taking out two of three by a close margin. The postponed game was between Schlegel & Fottler Company and W. W. Rawson & Company, Rawson taking two out of three. The feature of the evening was the rolling of Jenner for Farquhar.

| RAWSON. | | | |
|-------------|-----|-----|-----|
| Player | 1st | 2d | 3d |
| Cheney..... | 62 | 87 | 86 |
| Taylor..... | 72 | 76 | 94 |
| Warren..... | 77 | 83 | 91 |
| Rose..... | 66 | 64 | 76 |
| Perry..... | 75 | 74 | 84 |
| Totals..... | 352 | 384 | 423 |

| SCHLEGEL, FOTTLER COMPANY. | | | |
|----------------------------|-----|-----|-----|
| Player | 1st | 2d | 3d |
| Gates..... | 75 | 79 | 77 |
| Rein..... | 55 | 55 | 59 |
| Bric'ley..... | 79 | 80 | 86 |
| Cahill..... | 69 | 69 | 57 |
| Fay..... | 85 | 84 | 71 |
| Totals..... | 363 | 358 | 350 |

| FARQUHAR. | | | |
|---------------|-----|-----|-----|
| Player | 1st | 2d | 3d |
| Davy..... | 83 | 88 | 85 |
| Hardman..... | 75 | 74 | 85 |
| Castle..... | 73 | 83 | 74 |
| McDemott..... | 64 | 75 | 70 |
| Jenner..... | 109 | 79 | 97 |
| Totals..... | 404 | 399 | 417 |

| JOSEPH BRECK. | | | |
|----------------|-----|-----|-----|
| Player | 1st | 2d | 3d |
| Enholm..... | 81 | 96 | 70 |
| Dacey..... | 89 | 75 | 65 |
| Webster..... | 81 | 67 | 77 |
| Armstrong..... | 83 | 73 | 84 |
| Wheaton..... | 93 | 87 | 93 |
| Totals..... | 418 | 398 | 389 |

[Santa Claus on Florist's Roof.

J. Walter Howard, of Somerville, a suburb of Boston, Mass., has a novel and spectacular Christmas display. On the sloping roof of his store on Broadway, near Marshall street, are three large reindeer galloping up the steep incline and drawing a sleigh in which sits Santa Claus loaded down with Christmas presents. At night the whole display is illuminated with sixty-four red and white incandescent lamps.

The animals are real deer, brought from Canada and stuffed. The sleigh is an ancient affair, which Mr. Howard secured some time ago in Woburn. For Santa Claus he rigged up an effigy that might easily be taken for one of the prominent residents of the vicinity, so good is the likeness in size and figure.

Eight small incandescent bulbs are used on each deer's head besides two for the eyes. Sleighbells of electric lights encircle their bodies, and enough other bulbs are used to give a beautiful setting to the spectacle when seen at night.

Sprinkled with snow, old Santa and his steeds make a particularly effective appearance. Thousands of persons have already seen this evidence of Mr. Howard's enterprise.

STAMFORD, CONN.—Fire in the Grand Opera House block December 14, caused a \$500 loss to the retail store of Mrs. Albert Lindstrom, which was covered by insurance.

HEAVILY ROOTED Carnation Cuttings.

- 1,500 PROSPERITY,
- 2,500 JOOST,
- 1,000 QUEEN LOUISE,
- 250 ALBERTINI,
- 200 HIGINBOTHAM,
- 100 CRESSBROOK,

\$2.00 per 100; \$17.50 per 1000 while they last. C. O. D. or if cash is sent with order express will be prepaid.

South Bend Floral Co.
SOUTH BEND, IND.

Rooted CARNATION CUTTINGS

NOW READY

THESE LOW PRICES GOOD ONLY UP TO DECEMBER 25th....

| WHITE. | | |
|-------------------|---------|---------|
| | Per 100 | 1000 |
| Queen Louise..... | \$1.00 | \$10.00 |
| Flora Hill..... | 1.00 | 10.00 |
| Alba..... | 1.40 | 12.50 |
| Gov. Wolcott..... | 1.00 | 10.00 |
| Norway..... | 1.00 | 10.00 |
| Lillian Pond..... | 1.40 | 12.50 |
| Chicot..... | 1.20 | 10.00 |

| PINK. | | |
|---------------------------|---------|-------|
| | Per 100 | 1000 |
| Mrs. Thos. Lawson..... | 1.40 | 12.50 |
| Enchantress..... | 3.50 | 30.00 |
| Mrs. Joost..... | 1.00 | 10.00 |
| Success..... | 1.00 | 10.00 |
| Mermid..... | 1.00 | 10.00 |
| Cressbrook..... | 1.00 | 10.00 |
| Pres. McKinley..... | 1.40 | 12.50 |
| Mrs. Theo. Roosevelt..... | 1.40 | 12.50 |

| SCARLET. | | |
|------------------|---------|-------|
| | Per 100 | 1000 |
| G. H. Crabe..... | 1.00 | 10.00 |

Special prices on large lots. Unrooted pips at half price of above. 25 at 100; 250 at 1000 rates. Express prepaid at above prices. Cash or C. O. D. with privilege of examining.

LOOMIS FLORAL COMPANY, Loomis, Cal.

Red Sport

(OF MACEO)

This New "Bread and Butter" commercial brilliant "Crane" Red Carnation, now in its fourth year, has the hardy constitution of Gen. Maceo, with a stronger, heavier growth, longer and stiffer stem and larger flower.

Growing under the same conditions and in the same house with Flamingo and Estelle, it has produced four times as many flowers as the former and twice as many as the latter. The color is as good as Estelle and the bloom brings as much as does Estelle at its best. Every flower is of a uniform, brilliant red, perfectly double, with an ideal calyx; in fact, we have never seen a split one.

RED SPORT is perfectly healthy, an easy variety to grow, an early and continuous bloomer, throwing its heaviest cuts around the Christmas holidays and during the winter months, when red is in demand.

RED SPORT will keep longer and travel farther than any other red carnation, and will prove a bonanza to growers doing a shipping business.

If the scarcity of reds in the market that now exists continues, **RED SPORT** will pay better to the square foot of bench room than any other variety of any color to date.

Every florist who has seen **RED SPORT** growing has placed an order for rooted cuttings, which tells the tale.

All our rooted cuttings are sold until after January 25. Orders filled in strict rotation from above date on.

Price, 12 for \$1.50; 25 for \$2.50; 50 for \$4.00, postpaid. \$8.00 per 100; \$50.00 per 1000, by express.

We guarantee cuttings to be well rooted and to arrive in good condition.

A. B. Davis & Son, Carnation Specialist
PURCELLVILLE, IND.

MY MARYLAND.

The largest, most productive and most profitable White Carnation yet raised. Will be disseminated in 1906. Write us about it. Also for other new and standard carnations.

| CHRYSANTHEMUM STOCK PLANTS. | | | |
|-----------------------------|-------|------|--------------------------|
| | Each. | Doz. | Each. |
| Dr. Eoguehard..... | 35c | 3.00 | Uncle John..... 35c 3.00 |
| White Mrs. J.R..... | 25c | 3.00 | Rockford..... 25c 3.00 |
| Trantor..... | 35c | 3.00 | Mrs. Probins..... 35c |
| Am. Beauty..... | 35c | 3.00 | Mrs. Newell..... 35c |
| S. T. Wright..... | 50c | 5.00 | |

Pacific, B. Rose, Willow Brook, Ivory, Mrs. J. Jones, 10c each, \$6.00 per 100. Orizaba, Halliday, Monrovia, Merry Xmas, Liger, H. Sinclair, 10c each, \$7.00 per 100.

H. WEBER & SONS, Oakland, Md.

National Florists' Board of Trade,
Office: 56 Pine Street, New York.

Credit Reference Book. A subscription to our Credit List will cost you \$10 a year, and it may save you \$100 the first month. **Special Reports.** We make a specialty of this part of our work. **Collections.** We collect slow and doubtful accounts. Why not go through your books at once and send us all the claims that are in arrears?

The KING of all Carnations.

THE NEW.... SCARLET SEEDLING **ROBERT CRAIG**

The largest, strongest stemmed, most vigorous, healthiest growing, most fragrant, and the best **FANCY COMMERCIAL SCARLET CARNATION** produced to date. Ranks with Enchantress and Fiancee, having defeated the latter variety in all competitions in Philadelphia.

THE IDEAL CHRISTMAS CARNATION. **AN ENORMOUS BLOOM** just the color of the Christmas Holly Berry. An easy doer. Anybody can grow it. Having already orders for 100,000 cuttings for delivery season of 1906, we are still booking orders subject to buyer's cancellation if dissatisfied with variety at any time up to December 1st, 1905.

PRICES: (\$2.50 per dozen; \$12.00 per 100; \$100.00 per 1000.
2,500 lots at \$95.00 per 1000. 5,000 lots at \$90.00
per 1000. 10,000 lots or more at \$80.00 per 1000.

SEND YOUR ORDERS EARLY TO

COTTAGE GARDENS COMPANY nc.

C. W. WARD, ORIGINATOR,
QUEENS, N. Y.

ROBERT CRAIG (WARD)

has been awarded the following honors:

PRELIMINARY CERTIFICATE.

American Carnation Society.

SPECIAL DIPLOMA.

American Institute of New York.

FIRST CLASS CERTIFICATE OF MERIT.

Mass. Horticultural Society.

FIRST CLASS CERTIFICATE OF MERIT.

Penn. Horticultural Society.

FIRST CLASS CERTIFICATE OF MERIT.

New York Florists' Club.

CRAIG CUP, for best undisseeded seedling.
Philadelphia.

G. HARTMAN KUHN, SPECIAL PRIZE, for
best undisseeded seedling.
Philadelphia.

FRED BURKI

IS THE IDEAL

Commercial White Carnation

Its freedom of bloom, coupled with its other meritorious qualities, will commend it to the most conservative growers. You will make no mistake by growing Fred Burki.

\$12 per 100; \$100 per 1000. 250 at 1000 rates.

—WRITE FOR DESCRIPTIVE CIRCULAR.—

JOHN MURCHIE,
Sharon, Pa.

S. S. SKIDELSKY,
824 No. 24th St., Philadelphia.

Carnation Rooted Cuttings.

NOW READY.

| | Per 100 | 1000 |
|--------------------------------------|---------|---------|
| QUEEN LOUISE, fine white..... | \$1.20 | \$10.00 |
| ALBA, large white..... | 1.40 | 12.50 |
| AMERICA, red..... | 1.00 | 10.00 |
| MRS. POTTER PALMER, big scarlet..... | 1.20 | 10.00 |
| G. H. CRANE, scarlet..... | 1.20 | 10.00 |
| ELDORADO, yellow..... | 1.20 | 10.00 |
| MARSHALL FIELD, barred..... | 1.40 | 12.00 |
| ARMANDINE, barred..... | 1.00 | 10.00 |
| MRS. JOOST, pink..... | 1.20 | 10.00 |
| LAWSON, pink..... | 1.40 | 12.50 |
| PRES. McKINLEY, pink..... | 1.40 | 12.50 |
| SUCCESS, light pink..... | 1.20 | 10.00 |
| HARLOWARDEN, crimson..... | 1.40 | 12.50 |
| GOV. ROOSEVELT, crimson..... | 1.20 | 10.00 |

UNROOTED CUTTINGS HALF PRICE.

TERMS: Cash with order or C. O. D. with privilege of examination. Express prepaid at above prices. All plants warranted true to name and well-rooted.

HERMITAGE CARNATION CO., Loomis, Cal.

Rooted Carnation Cuttings

JANUARY DELIVERY. All Orders
Filled in Rotation.

| | Per 100 | 1000 |
|-----------------------------------------|---------|---------|
| Mrs. M. A. Patten variegated..... | \$6.00 | \$60.00 |
| White Lawson..... | 6.00 | 60.00 |
| Flamingo..... scarlet..... | 6.00 | 60.00 |
| Albatross..... white..... | 6.00 | 60.00 |
| Enchantress..... | 3.50 | 35.00 |
| Queen..... white..... | 3.00 | 30.00 |
| Boston Market..... white..... | 3.00 | 30.00 |
| Queen Louise, Lawson..... | 2.00 | 20.00 |
| J. H. Manley..... scarlet..... | 2.00 | 20.00 |
| Challenger..... scarlet..... | 2.00 | 20.00 |

Write for Prices on Large Lots. 5 Per Cent
Discount for Cash with Order.

Jas. D. Cockcroft, NORTHPORT,
L. I., N. Y.

WHITE LAWSON which we introduced last season has given great satisfaction, and has proved to be The Finest White Carnation ever sent out. Remember we are headquarters for it. The demand will undoubtedly exceed the supply this season, and in order to secure early delivery, no time should be lost in placing order. We are now booking orders for early January delivery. Orders will be filled strictly in rotation as received, so the earlier orders are booked the earlier deliveries can be made. We can supply First-class strong rooted cuttings, \$7 per 100; \$60 per 1000. Also the other novelties of the season—Fiancee, Cardinal, Fred Burki, etc. Also the cream of older sorts—Mrs. M. A. Patten, Daheim, Enchantress, Flamingo, Mrs. Thos. W. Lawson etc.

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

It is good business policy to mention

The....

AMERICAN FLORIST

When you write to an advertiser.

200,000 ROOTED **Carnations**

NOW READY.

| White | Per 100 | Per 1000 | Pink | Per 100 | Per 1000 |
|-------------------|---------|----------|---------------------|---------|----------|
| Queen Louise..... | \$1.00 | \$10.00 | Cressbrook..... | 1.00 | 10.00 |
| Flora Hill..... | 1.00 | 10.00 | Scarlet | | |
| Gov. Wolcott..... | 1.00 | 10.00 | Crane..... | 1.00 | 10.00 |
| White Cloud..... | 1.00 | 10.00 | America..... | 1.00 | 10.00 |
| Alba..... | 2.00 | 15.00 | Estelle..... | 1.40 | 12.50 |
| Pink | | | Crimson | | |
| Lawson..... | 1.20 | 12.50 | Harlowarden..... | 1.40 | 12.50 |
| Marquis..... | 1.00 | 10.00 | Variegated | | |
| Enchantress..... | 3.50 | 30.00 | Prosperity..... | 1.40 | 12.50 |
| Mrs. Joost..... | 1.00 | 10.00 | Marshall Field..... | 1.40 | 12.50 |
| McKinley..... | 1.40 | 12.50 | Armazody..... | 1.00 | 10.00 |
| Mermaid..... | 1.00 | 10.00 | Viola Allee..... | 1.20 | 11.00 |

100,000 Pansy Plants, at \$10.00 per Thousand.

Unrooted Cuttings at one-half price of rooted cuttings. Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.

Loomis Carnation Co.

Lock Box 115, LOOMIS, CAL.

THE **Gardeners' Chronicle.**

A Weekly Illustrated Journal.

ESTABLISHED 1841.

The GARDENERS' CHRONICLE has been for over SIXTY YEARS the LEADING JOURNAL of its class. It has achieved this position because, while specially devoting itself to supplying the daily requirements of gardeners of all classes, the information furnished is of such general and permanent value that the GARDENERS' CHRONICLE is looked up to as the STANDARD AUTHORITY on the subjects of which it treats.

Subscriptions to the United States, \$4.20 per year
Remittances to be made payable to H. G. COVE

OFFICE:—

41 Wellington St., Covent Garden, London, England.

CARNATION CUTTINGS

WELL ROOTED, FROM SELECTED STOCK.

| | Per 100 | Per 1000 |
|------------------------|---------|----------|
| NELSON FISHER..... | \$7.00 | \$60.00 |
| MRS. M. A. PATTEN..... | 6.00 | 50.00 |
| FLAMINGO..... | 6.00 | 50.00 |
| CRUSADER..... | 6.00 | 50.00 |
| D. WHITNEY..... | 5.00 | 40.00 |
| ENCHANTRESS..... | 4.00 | 30.00 |
| H. FENN..... | 3.00 | 25.00 |
| MANLEY..... | 3.00 | 25.00 |
| FAIR MAID..... | 2.50 | 20.00 |
| QUEEN..... | 3.00 | 25.00 |

BACKER & CO., Billerica, Mass.

Wm. Duckham

Extra Fine Clumps, \$1.00 per doz.

Rooted Carnation Cuttings.

| | Per 100 | Per 1000 |
|--------------------|---------|----------|
| WHITE LAWSON | \$6.00 | \$60.00 |
| FLAMINGO | 5.00 | 40.00 |
| ENCHANTRESS | 3.50 | 30.00 |
| THE QUEEN | 2.50 | 20.00 |

CARDINAL.

January delivery.....\$12.00 per 100

LARCHMONT NURSERIES
LARCHMONT, N. Y.

Geraniums

STRONG, FALL STRUCK.

| | |
|-----------------------|--------------------|
| Mme. Barney, | M. A. Riccard |
| Mme. Landry, | Mme. Buchner, |
| Mrs. E. G. Hill, | Sam Sloan, |
| La Favorite, | Villa de Poitiers, |
| Marquis de Castellan. | |

24-inch pots, \$2.50 per 100.

A. H. TREGO, the largest and best Scarlet Bedder, \$5.00 per 100.

NATHAN SMITH & SON, ADRIAN, MICH.

GERANIUMS.

ROOTED CUTTINGS.

Fifteen varieties at \$10.00 and \$12.50 per 1000. Send for complete price list of GERANIUMS and CARNATIONS.

ALBERT M. HERR, Lancaster, Pa.

VIOLETS.

Write for lowest price on Violets. We took 1st premium at the "World's Fair," Chicago and Joliet Flower Shows. We can give the right price as we are growers.

ELI CROSS, Grand Rapids, Mich.

GARDENIA PLANTS.

(GRANDIFLORA CAPE JESSAMINE.)

Our leading specialty. Natural growing conditions here ideal; size tells its own story. We do not think they can be equaled elsewhere. 1-year, 18 to 24-in., \$1.50 per doz.; \$10.00 per 100. Dormant now and until February 25th.

C. W. BENSON, Alvin, Tex

HINODE FLORIST CO.

...JAPANESE NOVELTIES...

TINY PLANTS, in 2 and 3-in. decorated Japanese pots, \$15.00, \$20.00 and \$25.00 per 100.

RHAPS, 5 to 15 shoots, 50 cents each.

CASH WITH ORDER.

LARGEST GROWERS OF EASTER LILIES.
WOODSIDE, N. Y. and WHITESTONE, L. I., N. Y.

CYCLAMEN

SPLENDENS GIGANTEUM HYBRIDS. Finest strain in the world, in bud and bloom. First-class grower stock from 5-inch pots, \$2.50 per dozen; \$20.00 per 100. Satisfaction guaranteed.

PAUL MADER, East Stroudsburg, Pa.

Peacock's ...Dahlias

For plants or bulbs address

L. K. PEACOCK,
Dahlia Specialist, **ATCO, N. J.**

Wm. P. Craig, 1224 Cherry St., Philadelphia, Pa.

Representing Joseph Heacock and John Burton, Assignee.

PALMS, FERNS, CROTONS and DECORATIVE PLANTS.

Palmer's

**Red
Lawson**

NOW READY!

SPORT FROM THE FAMOUS
MRS. THOMAS LAWSON

Planted May 18th, in full crop middle of August

ROOTED CUTTINGS:

\$10.00 per 100

\$40.00 per 500

\$75.00 per 1000

Ask your *Brother Florist* if he saw it at the Detroit Carnation Show. Ten to one he will say it's a good carnation to grow. Received **CERTIFICATE OF MERIT** at Detroit Carnation Show—scoring 87 pts.

W. J. Palmer & Son

Lancaster, N. Y.

Please mention the American Florist when writing.



Please mention the American Florist when writing.

Richmond Gem.

The finest commercial scarlet ever introduced. Place your order early. Send for circular.

Price, \$10.00 per 100;
\$75.00 per 1000.

B. K. & B.
Floral Co.
RICHMOND, IND.

NEW CARNATION WM. PENN.

A very pleasing shade of pink, the best bloomer I ever saw, and a good healthy grower. Everyone who grows carnations should plant this variety. Send for descriptive list of this and other varieties. Price, per 100, \$10; per 1000, \$75.

| | Per 100 | 1000 | | Per 100 | 1000 |
|--------------|---------|---------|----------------|---------|----------------|
| Queen Louise | \$1.25 | \$10.00 | Floriana | ..... | \$1.50 \$12.50 |
| Lillian Pond | 1.50 | 12.50 | Mrs. Roosevelt | 1.50 | 12.50 |
| Mrs. Nelson | 2.00 | 15.00 | Harry Fenn | 1.50 | 12.50 |

ALBERT M. HERR, Lancaster, Pa.

Please mention the American Florist when writing.

POTTED Carnations

Plant them after Chrysanthemums.

Wm. Scott, Queen Louise, Crocker,
Lorna, White Cloud, C. M. Bradt
and other varieties. Send for list.

Price, \$5.00 per 100.

J. L. DILLON, - Bloomsburg, Pa.

Please mention the American Florist when writing.

—WRITE—

GEO. A. KUHL, Pekin, Ill.

For Price List of Rooted Cuttings and 2x24-in. Roses of following varieties: Brides, Maids, Golden Gate, Ivory, Meteor, Souv. de Wootton, Aug. Vic. Kaiserin, Perle des Jardins, Belle Siebrecht, La France, President Carnot, General MacArthur, La Detroit, American Beauty.

VERY LOW CHRISTMAS RATES

for Christmas holidays to all points on the Nickel Plate Road between Chicago and Buffalo. Excursion tickets on sale December 24, 25, 26 and 31, 1904, and January 1 and 2, 1905, good returning January 4, 1905. Three through express trains daily. No excess fare charged on any train. Also lowest rates and shortest line to Cleveland, Buffalo, New York, Boston and all eastern points. Modern sleeping and dining cars. Individual Club Meals, ranging in price from 30c to \$1, served in Nickel Plate dining cars; also service a la carte. All trains leave from La Salle St. Station, Chicago. City ticket office, Chicago, Ill., 111 Adams St. and Auditorium Annex. For further particulars address John Y. Calahan, General Agent, 113 Adams St., Room 298. 33

The....

American Florist



**IS PAID FOR
CIRCULATED
AND READ.**

Araucaria Excelsa.

We are Headquarters for these fine, beautiful plants. Cheaper and better than can be obtained elsewhere. Plants in 6-inch pots, 20, 25 and 30 inches high, 5, 6, 7 tiers, \$1.00, \$1.25 and \$1.50 each.

FICUS ELASTICA. (Rubbers). 6-inch pots, 20, 25, 30 inches high, all perfect leaves, good from top to bottom, \$5.00 to \$6.00 per doz. Specimens, 7-inch pots, extra good 75c each.

DRACAENA BRUANTI. 6-inch pots, 20 to 25 inches high, 50c each; \$5.00 per doz.

KENTIA FORSTERIANA. (Made-up plants), 3 in a pot, 5, 6, 6½-inch pots, 30 inches high, 75c each; 35 to 40 inches high, very fine, \$1.00, \$1.25, \$1.50 each.

LATANIA BORBONICA. healthy plants, 5 to 6 leaves, 50c each.

COCOS WEDDELLIANA. 3-inch pots, strong, 15c each.

Pots removed unless otherwise notified. Cash with order please. All goods travel at purchaser's risk.

Godfrey Aschmann,

Wholesale Grower and Importer of Pot Plants.
Bell Phone Tioga 3669 A.

1012 Ontario St., Philadelphia, Pa.

CHRYSANTHEMUM STOCK PLANTS.

WM. DUCKHAM, pink, \$10.00 per 100.

CHICAGO CARNATION CO., JOLIET, ILL.

For QUALITY, QUANTITY and PRICE in **ORCHIDS**

— APPLY TO —

JULIUS ROEHRS,
RUTHERFORD, N. J.

SPECIALTIES

ROSES, from 3-inch pots, **In Best**
CARNATIONS, for all delivery, **Varieties**
CHRYSANTHEMUMS,
SMILAX, VIOLETS.

Prices Low. Send for List.

WOOD BROTHERS, Fishkill, N. Y.

Wm. Duckham

STOCK PLANTS, 15 cents each; \$1.50 per dozen.
2½-inch pots, 75 cents per dozen.
Immediate delivery.

Emil Glauber,
Montclair, Colo.

Orchids!



CATTLEYA MENDELII, just arrived in fine condition a shipment of this scarce and beautiful Orchid. Also *Laelia anceps* and *Oncidium Tigrinum*, etc. Write for special list No. 14.

Lager & Hurrell, SUMMIT, N. J.
Orchid Growers and Importers.

JOHN BURTON, Assignee for
ROBERT CRAIG & SON,
Roses, Palms,
and Novelties in Decorative Plants.
Market and 49th Sts., Philadelphia, Pa.

Roses Rooted Cuttings

January Delivery.

Bride, Bridesmaid, Golden Gale, Ivory, \$1.50 per 100; \$12.50 per 1000. Selected from healthy grafted stock. Satisfaction guaranteed.
250 at 1000 rate. Cash or satisfactory references.

BAUER FLORAL CO., 20 W. 10th St., Erie, Pa.

World's Fair Prize Winners

THE NEW WHITE CHRYSANTHEMUMS

Majestic and Adelia

90 points

Commercial Scale

89 points.

Having an immense stock of these sterling varieties we have decided to offer them at the following prices: Rooted Cuttings, \$3.00 per dozen; \$15.00 per hundred; \$125.00 per thousand. From 2-inch pots 5 cents additional.

Carnations, **WHITE LAWSON,** R. C., \$6.00 per 100; \$50.00 per 1000.
FLAMINGO, \$6.00 per 100; \$50.00 per 1000.

The New Pink Rose LA DETROIT.

Fine field-grown, immediate delivery, \$15.00 per 100; \$125.00 per 1000.

JOHN BREITMEYER'S SONS, DETROIT, MICH.

Announcement

We desire to say to those who may have anticipated purchasing stock of the Begonia "TEMLINII" that owing to having had a serious accident with two of our steam heating boilers early in November, we lost a great portion of our "TEMLINII" stock, and we therefore are unable to supply the trade.

Since we have made the "TEMLINII" a distinctive feature of our 1905 Retail Catalogue, we will make a strenuous effort to meet our retail demands.

Very truly,

The **TEMLIN CO.,** Calla, O.

Stock Plants of Chrysanthemums

— EXTRA LARGE CLUMPS. —

WHILE THEY LAST AT THE FOLLOWING PRICES:

Amorita, May Foster, Marie Liger, Omega, Timothy Eaton and Walter Molatsch, \$10.00 per 100.

Cheitoui, Dr. Enguehard, F. S. Vallis, Marion Newell, Mrs. Coombes, Wm. E. Chadwick, W. A. Etherington, Wm. Duckham and Yellow Eaton, \$15.00 per 100.

A. J. Balfour, Baccace, Ben Wells, Convention Hall, C. J. Salter, F. A. Cobbold, Golden Chadwick, Harrison Dick, Harry Plumridge, Leila Filkins, Lord Salisbury, Mlle. Martha Morel, Miss Helen Frick, Mrs. H. W. Buckbee, Mrs. E. Thirkell, Maynell, M. F. Vuillermet, Percy Plumridge, Rockford, Sunburst and Wm. R. Church, \$20.00 per 100.

Chicago, **Vaughan's Greenhouses,** Western Springs, Ill.

500,000 VERBENAS THE CHOICEST VARIETIES IN CULTIVATION.

Fine pot plants, \$2.50 per 100; \$20 per 1000. Rooted Cuttings, 60c per 100; \$5 per 1000; \$45 per 10,000.

NO RUST OR MILDEW.

PACKED LIGHT, AND SATISFACTION GUARANTEED. SEND FOR CIRCULAR.

We are the Largest Growers of Verbenas in the country. Our plants cannot be surpassed.

J. L. DILLON,

BLOOMSBURG, PA.

Asparagus Plumosus,

50 CENTS PER STRING.

Carnation Blooms and Rooted Cuttings.
Good stock.**W. H. WATSON,** Lapeer, Mich.**Cheap To Clear.**

2,500 Rose Geraniums, 2,500 Mixed Geraniums, best bedding varieties, all 2-in.. \$1.00 per 100. Cuphea, 75c per 100; Chrysanthemums stock plants. J. K. Shaw, Lincoln. Polly Rose, Glory of Pacific, Bill Hawk, 25c per doz.

H. ROSSITER.

200 Lexington Avenue, JERSEY CITY, N. J.

RUDBECKIA.

| | | |
|--------------------------------------------------|---------|--------|
| Extra choice, large clumps..... | Per 100 | \$5.00 |
| Asp. Sprengeri, extra quality, 2 1/4-in. pots... | 2.00 | |
| Asp. Plumosus, extra quality, 2 1/4-in. pots... | 2.50 | |
| Asp. Plumosus, extra quality, 3-in. pots..... | 4.00 | |

JOHN BROD, Niles Center, Ill.**PALMS, FERNS**

AND

Decorative Plants.**R. DREYER,** Woodside, L. I., N. Y.**Boston Ferns.**

Strong bushy plants, from bench, ready for 5-inch pots, 20c each.

ASPARAGUS SPRENGERI.

2 1/2-inch, very strong, ready for immediate shift, \$2.50 per 100; \$20.00 per 1000. Cash.

H. N. EATON, So. Sudbury, Mass.**FERNS for FERNERIES**

All the popular sorts. Fine bushy plants, 3-inch pots, \$6.00 per 100.

Chas. A. Knapp,
CHESTNUT HILL, PA.**Geo. Wittbold Co.,**

1657 Buckingham Pl., CHICAGO, ILL.

Send for Price List on

Palms and Ferns**JOSEPH HEACOCK,**

WYNCOTE, PA.

—GROWER OF—

Kentia Belmoreana
and **Kentia Forsteriana****ASPARAGUS Sprengeri,**

Extra strong, 2 1/4-inch pots, @ \$2.00 per 100.

50,000 Cannas

in 20 best varieties. Get my prices before ordering elsewhere.

W. W. COLES, Kokomo, Ind.**Nephrolepis Scottii.**

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston Fern in a given time. Prices, 6-inch pot-grown, ready for 8-inch, \$15.00 per doz.; 7-inch, pot-grown, \$24.00 per doz.; 8-inch, pot-grown, \$36.00 per doz.

John Scott, Keap St. Greenhouses, BROOKLYN, N. Y.**ASP. SPRENGERI**

| | | | | |
|----------------------|---------|--------|---------|---------|
| 3-inch pots..... | Per 100 | \$3.00 | Per 100 | \$25.00 |
| 4 1/2-inch pots..... | | 4.00 | | 30.00 |
| 5-inch pots..... | | 5.00 | | 40.00 |

BOSTON FERNS.

| | | |
|------------------------|---------|---------|
| 3-inch pots..... | Per 100 | \$ 4.00 |
| 4 1/2-inch pots..... | | 6.00 |
| 5-inch pots..... | | 10.00 |
| 6 and 7-inch pots..... | | 15.00 |

All Wrapped and Packed Securely Against Frost.
Cash with Order.**F. A. WALKER & CO.**

Box 316, NEW ALBANY, IND.

Special Clearing Sale.**ASPARAGUS PLUMOSUS NANUS.**

Strong plants from 3-inch pots, \$3.00 per 100.

BOSTON FERNS. Fine plants from 6-in. pots, and healthy, \$3.00 per dozen; \$20.00 per 100

—CASH WITH ORDER.—

Send for our new list of Specialties.

The W. T. BUCKLEY CO.,
SPRINGFIELD, ILL.**ASPARAGUS**

Plumosus Nanus, 2 1/4-inch pots, per 1000, \$15.00; per 100, \$2.00.

Pansy Plants.

Large flowering, per 1000, \$2.50; per 100, 60c. Cash.

JOS. H. CUNNINGHAM, Delaware, O.**BEDDING PLANTS.**

Alternanthera, red and yellow, August rooted cuttings, strong \$5.00 per 1000; mailed 60c per 100. Alyssum, double sweet, 2-inch, \$2.00; R. C. mailed, \$1.00 per 100. 10,000 Geranium Nutt and 20 other vars., 2 1/4-in., \$20.00 per 1000. Petunia, double, fringed, pure white, 2 1/4-in., \$2.50; R. C. mailed, \$1.25 per 100. 500,000 Pansy plants; Florists' International, strong, transplanted, from cold frame, \$10.00 per 1000; in bud and bloom, \$1.50 per 100. Vinca var., from 3-in. pots, \$4.00; R. C. mailed, \$1.00 per 100. Salvia in four named vars., 2-in., \$2.00 per 100. Daisies, Forget-me-not, Sweet William, \$3.00 per 1000.

LUDVIG MOSBAEK, Onarga, Ill.**BOSTON FERNS.**

Extra fine stock, cut from bench now ready for 5, 6, 7 and 8-inch pots, at \$25.00, \$50.00, \$75.00 and \$100.00 per 100. KENTIAS, RUBBERS, ASPARAGUS PLUMOSUS NANUS. Cash or reference please.

L. H. FOSTER, 45 King St., DORCHESTER, MASS.**BOSTON FERNS.**

4-in., \$15.00; 5-in., \$25.00; 6-in., \$40.00 per 100. 7-in., 60c; 8-in., 75c each. Strong rooted runners of SCOTTII, \$5.00 per 100. Of PIERSONI and BOSTON, \$2.00 per 100.

DAVIS BROS., MORRISON, ILL., and GENEVA, ILL.**For Sale or Exchange.**

40 fine Specimen Palms. Good condition, 4 to 6 feet high, 8 to 10 inch pots. Areca Lutescens, Kentia Belmoreana and Forsteriana. Will take in exchange Carotia Stock for next spring delivery. Paid \$150 for them 2 years ago. Want the room.

WALTER BUTLER, Chillicothe, O.**WANTED**

Large specimen Pelargoniums and Fuchsias. State kind and price. Address D H M, care American Florist 429 6th Ave., New York.

A FEW GOOD THINGS YOU WANT.**KENTIA PALMS,** a fine lot of single and made-up plants as was ever grown, 4, 5, 6, 7, 8-inch pots, at 20c, 35c, 75c, \$1.50 to \$3.00 each.
BOSTON FERNS, 5-inch, \$30 per 100.
ORACAENA INDIVISA, 2, 3, 4, 5-inch, \$2, \$5, \$10 and \$25 per 100.**ASPARAGUS PLUMOSUS,** 2 and 3-in., \$4 and \$8 per 100.**ASPARAGUS SPRENGERI,** 2 and 3-in., \$3 and \$5 per 100.**GERANIUMS,** Jean Viand, S. A. Nutt, Castellane and Poitevine, 2-in. pots, \$3.00 per 100.**VINCA VARIEGATA,** 2-inch, \$2.00 per 100.

Unrooted cuttings of CARNATIONS. The best and cheapest way to buy them. Portia, Crocker, Goldenough, Mermaid, Roosevelt, 50c per 100. Lawson, Boston Market, Fair Maid, Harry Fenn, \$1.00 per 100.

CINERARIAS, 2-inch, \$2.00 per 100; 3-inch, \$4.00 per 100.**PRIMULA OBCONICA,** 3-inch, \$4.00 per 100.

CASH OR C. O. D.

GEO. M. EMMANS, NEWTON, N. J.

Please mention the American Florist when writing.

Palms and Asparagus Cheap.

| | | | |
|-----------------------------|-------------------------|---------|--------|
| Latania Bor., 2-in. pot, | seed leaves.. | Per 100 | \$8.00 |
| " " 3-in. pot, 15-18 in., | 2-3 chr. lvs. | | 12.00 |
| " " 5-in. pot, 18-20 in., | 3-4 chr. lvs. | | 15.00 |
| " " 5-in. pot, 20-24 in., | 4 chr. lvs. | | 20.00 |
| Kentia Bel., 2 1/4-in. pot, | 6-8 in., 2 leaves.. | | 10.00 |
| " " 3 -in. pot, | 8-10 in., 3-4 leaves.. | | 12.50 |
| " " 4 -in. pot, | 12-16 in., 4-5 leaves.. | | 18.00 |

Asparagus Sprengeri, 2-inch.....\$2.00**Asparagus Plumosus Nanus,** 2-inch.....2.50
3-inch.....5.00**SHERMAN NURSERY CO.,**

CHARLES CITY, IA.

Please mention the American Florist when writing.

YOU WANTSOME NICE PLANTS FOR YOUR SHOW
WINDOWS FOR**The Holidays.**Boston Ferns, 2 1/4, 3, 4, 5, 6, 7, 8 and 10-inch.
Pieroni, 2 1/2, 5, 6 and 7-inch.
Plumosus, 2, 3, 4 and 5 inch.
Sprengeri, 2, 3 and 4-inch.

A few nice Rex and Flowering Begonias. Cut Flowers, Roses, Carnations, Paper white Narcissus, Roman Hyacinths, Etc. WRITE

GEO. A. KUHL,

PEKIN, ILL.

Please mention the American Florist when writing.

VINCA VARIEGATA,

Rooted Cuttings, prepaid, 90c per 100.

PANSIES, 200,000 extra strong, stocky plants. Giant of best sorts, equal to any, \$2.50 per 1000; \$4.50 per 2000.**DAISIES.** Snowball, Longfellow, Giant Red, \$2.50 per 1000; 2000 for \$4.50.**ASP. PLUMOSUS NANUS,** 2-in., 2 1/2-c. 3-in., 5c.**ASP. SPRENGERI,** 2-inch, 2c.**ABUTILONS,** 4 varieties, 2 1/4-inch, 8c.Rooted Cuttings, prepaid: **Heliopsis,** 75c per 100.**Ageratum,** Gurney, Pauline, 60c per 100. **Salvia,****Spendens,** Bonfire, 90c per 100. **Fuchsia,** 5 bestvarieties, \$1.25 per 100. **Hardy Pinks,** 7 varie-

ties, some everblooming, 75c per 100; \$7.00 per

1000. **dbl. Potunies,** 10 finest, \$1.00 per 100.

—CASH—

BYER BROS., Chambersburg, Pa.**LATANIA PALMS.**

6-in., 2 and 3 plants to pot..... \$ 9.00 per doz.

7-in., 1 plant to pot, 7 to 9 leaves... 12.00 per doz.

8-in., 1 plant to pot, 7 to 10 leaves,

2 1/4 to 3 1/2 feet in height and

diameter..... 18.00 per doz.

ARECAS.

4-in., 2 and 3 plants to pot, standing 2 ft. \$4.00 doz

6-in., 2 and 3 plants to pot, standing 3 ft. 9.00 doz

J. W. COLFLESH, 53d St. and Woodlawn Ave., Phila.

THE

\$50,000,000 World's Fair

ST. LOUIS, 1904

Bought by The Chicago House-Wrecking Co.

THE LOUISIANA PURCHASE EXPOSITION, the most wonderful the world ever knew, has been purchased in its entirety, by this Company. THE EXPOSITION is unquestionably the grandest architectural feat ever accomplished. The buildings are the most gigantic that it was possible to construct. Nothing like it was ever before attempted in magnitude. It covered 1240 acres of land and was over twice as large as the WORLD'S FAIR of CHICAGO, 1893, and four times as large as the last PARIS EXHIBITION. As the close of the EXPOSITION drew near, the Directors found that there was only one Company extant able to properly dismantle the FAIR. It was but natural to conclude negotiations with this Company, as we have dismantled every EXPOSITION of modern days. We purchased and dismantled the WORLD'S FAIR of CHICAGO, 1893; THE TRANS-MISSISSIPPI EXPOSITION, Omaha, 1899; THE PAN-AMERICAN EXPOSITION, Buffalo, 1901.

By our acquisition of the LOUISIANA PURCHASE EXPOSITION, we have come into possession of the largest amount of material and supplies possessed by any one concern in this country. We are in position to make exceedingly advantageous propositions for the sale of large quantities of this material, provided a quick sale can be effected. We are very desirous of moving as much as possible during the winter months. We have a large force of men on the EXPOSITION GROUNDS now engaged in placing the material in marketable shape.

Now is your opportunity to put into execution that long contemplated improvement of yours. Such an opportunity may never occur again. Next year will be a banner one in all mercantile lines. Prices are on the advance. The many Millions of Dollars worth of materials that we have for sale, will be placed on the market at prices that will mean an enormous saving to purchasers. Buy quick, because the prices at which we will offer this material are bound to sell it as fast as we can make delivery.

We briefly enumerate some of the more important items which we will have to dispose of.

100,000,000 Feet of Highly-Seasoned Lumber.

This is the time to buy Lumber. Prices are ever advancing. We have everything in the Lumber Line—SHEATHING BOARDS, JOISTS, TIMBERS, FLOORING, PLANKING, FENCING, and all kinds of interior finish.

Sash and Doors.

Thousands of sash and doors, in every size.

Greenhouses.

Three Complete Modern Greenhouses, each 22x300 feet, with all their appurtenances.

Plants and Shrubs.

All the complete Shrubs and Flowers contained in the Greenhouses and on the grounds. Thousands of Dollars worth, which we will sell at very low prices for immediate acceptance. Ask for special list of them.

RUBBER HOSE. 100,000 feet of hose in sizes $\frac{3}{4}$, 1, $1\frac{1}{2}$ and $2\frac{1}{2}$ -inch, in solid rubber and cotton jacketed. All kinds of Hose Connections, Nozzles, Play Pipes, Etc.

PIPE. 500 carloads of pipe. A chance to purchase from us anything in the line of Manufactured Pipe for any purpose. Standard Black Wrought Iron Pipe, in sizes from $\frac{3}{4}$ to 12 inches. Galvanized Standard Pipe, in sizes from $\frac{3}{4}$ to 6 inches. Converse Gas and Water Pipe, in sizes from 2 to 8-inch. A large quantity of Extra Heavy Wrought Iron Pipe, sizes 3 to 36 inch, intended for high pressure, most of it fitted with flanged couplings. 2 miles of Riveted Steel Pipe, in sizes from 8 to 40 inch. Cast Iron Pipe, for water and gas, sizes 4 to 30-inch. A quantity of Wood Pipe, $4\frac{1}{2}$ x4 $\frac{1}{2}$ -in., 6 foot lengths.

BOILERS. All boilers used to heat the Greenhouses of the Exposition. Also several others, ranging from 10 to 200 horse power.

VALVES AND FITTINGS. A complete stock of Globe, Angle, Check, Gate, Pressure and other Valves, for screwed and flanged pipe. Thousands of fittings of every kind.

OFFICE FIXTURES. Thousands of Dollars worth, consisting of roll top desks, flat top desks, revolving chairs, sectional index cabinets, vertical letter files, typewriter desks, typewriters and supplies of every sort.

FURNITURE AND MATERIAL. 2,000 Iron Beds, 3,000 Wool Blankets, 4,000 Bed Sheets, besides pillow cases and bedding of all kinds. 250 Combination Dressers and Commodes, 2,000 U. S. Army Folding Cots, 25,000 Chairs, Dishes and other material in profusion.

WIRE NETTING. Thousands of feet of Netting, used for various purposes. Can furnish anything needed.

ROOFING GLASS. Millions of square feet of $\frac{1}{4}$ -inch thick ribbed roofing glass, good as new.

Thousands of other items. Besides the above, we enumerate some of the other items we have for sale. Skylight, Flags and Poles, Stair Cases and Balustrades, Eave Trough and Conductor Pipe, Surveyors' Transits and Levels, Sprinkler Wagons, 2 Studebaker Patent Boulevard Sprinkling Wagons, with 600 gallon perforated tank, 4 Wooden Tank Water Wagons, $\frac{1}{2}$ h. p. Studebaker Sprinkling Machine, Iron Fencing, Woven Wire Fencing, Bolts and Screws, Turnbuckles, Washers, Etc. Turnstiles, Water Filters, Greenhouses, Cedar Posts, Searchlights, Rotary Pumps, Opera Chairs, Fire Extinguishers, Electric Passenger Elevators, Trucks, Scales, Sales, Oil Tanks, Chain, Rope, Lanterns, Jack Screws, Hardware of all kinds, Step Ladders, Blocks, Winches, Tackles, Wagons and Buggies. Etc., Etc., Etc.

ASK FOR OUR EXPOSITION CATALOGUE NO. 47.

CHICAGO HOUSE-WRECKING CO.

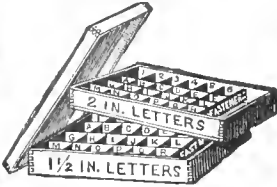
MAIN OFFICE, WAREHOUSE and YARDS: W. 35th & Iron Sts., Chicago, Ill.

ST. LOUIS YARDS: Exposition Grounds, St. Louis, Mo.

Boston Florist Letter Co.

MANUFACTURERS OF

FLORISTS' LETTERS.



This wooden box nicely stained and varnished, 18x30x12 made in two sections, one for each size letter, given away with first order of 500 letters.

Block Letters, 1 1/2 or 2-inch size, per 100, \$2.00.
Script Letters, \$4. Fastener with each letter or word.

Used by leading florists everywhere and for sale by all wholesale florists and supply dealers.

N. F. McCARTHY, Treas. and Manager,
84 Hawley St., BOSTON, MASS.

Please mention the American Florist when writing.

CUT FLOWER BOXES WATERPROOF

The best, strongest and neatest folding cut flower box ever made. Cheap, durable. To try them once is to use them always. Per 100 Per 1000

| Size No. | 0. | 3x 4x20 | ..... | \$2.00 | \$19.04 |
|----------|-----|--------------|-------|--------|---------|
| " | 1. | 3x 4 1/4 x16 | ..... | 1.90 | 17.50 |
| " | 2. | 3x 6x18 | ..... | 2.00 | 19.00 |
| " | 3. | 4x 8x18 | ..... | 2.50 | 23.00 |
| " | 4. | 3x 5x24 | ..... | 2.75 | 26.00 |
| " | 5. | 4x 8x22 | ..... | 3.00 | 28.50 |
| " | 6. | 4x 8x28 | ..... | 3.75 | 36.00 |
| " | 7. | 6x16x20 | ..... | 5.50 | 54.00 |
| " | 8. | 3x 7x21 | ..... | 3.00 | 28.50 |
| " | 9. | 5x10x35 | ..... | 6.50 | 62.00 |
| " | 10. | 7x20x20 | ..... | 9.50 | 67.50 |
| " | 11. | 3 1/2 x5x30 | ..... | 3.00 | 28.50 |

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

THE LIVINGSTON SEED COMPANY,
BOX 104, COLUMBUS, OHIO.

Please mention the American Florist when writing.

REED & KELLER,

122 West 25th St., NEW YORK.

Importers and Manufacturers of

FLORISTS' SUPPLIES

Galax Leaves and all Decorative Greens.
New York Agents for Caldwell's Monroe, Ala.,
"Parlor Brand" Smilax.

Please mention the American Florist when writing.

Quite Dead?

Sure, I used Nicotinic. Best cure for "overliveliness" in insect pests.
Tobacco Warehousing & Trading Co.,
LOUISVILLE, KY.

Please mention the American Florist when writing.

**BEST
AND
Cheapest**
ALL-ROUND
INSECTICIDE
on the Market.

"ROSE LEAF"
EXTRACT
OF
TOBACCO
INSECTICIDE

For Sale by
Seedsmen.
For Free
Pamphlet
Write to
The Kentucky
Tobacco
Product Co.,
Louisville, Ky.

SIGMUND GELLER,

FLORISTS' SUPPLIES and RIBBONS.
108 West 28th Street, New York.
NOVELTIES always on hand.

ALL Nurserymen, Seedsmen and Florists wishing to do business with Europe should send for the

"Horticultural Advertiser"

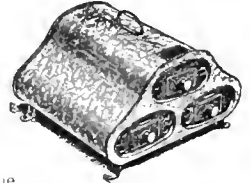
This is the British Trade Paper, being read weekly by all the Horticultural traders; it is also taken by over 1000 of the best continental houses. Annual subscription to cover cost of postage 75c; Money orders payable at Lowdham, Notts.

Address EDITORS OF THE "H. A."
Chitwell Nurseries, LOWDHAM, Notts. England.

INSURANCE

of your plants from freezing in cold weather at but a trifling cost if you will use a

LEHMAN WAGON HEATER.



There is no danger of fire; no smoke, dirt or gases to injure the plants. They burn LEHMAN COAL which costs less than 1/4 cent per hour. Can you afford to be without one? 250,000 Lehman Heaters are in use by Florists, horsemen, physicians, etc. They all highly recommend them. What better endorsement could we offer you? Beware of imitations. For circular and price list write

LEHMAN BROS.,

Manufacturers,

10 Bond St., NEW YORK.

J. W. ERRINGER,

General Western Sales Agent,

45 E. Congress St., CHICAGO.

ROSSIG BROTHERS,

—MANUFACTURERS OF—

Artificial Leaves.

ALL STYLES IN HUNDREDS OF DIFFERENT DESIGNS. PAPER AND MUSLIN. SMILAX, YARDS and PIQUETS. Samples Furnished to the Jobbing Trade Only.

497 West Broadway, NEW YORK.

M. RICE & CO.,

Importers and Manufacturers,

Leading Florists'
Supply House and
Ribbon Specialists.

918 Filbert Street,
Philadelphia, Pa.

Tobacco Dust

FOR FUMIGATING.

It would pay large users of dust to communicate with us and get samples and prices.

Edwin L. Koppelman & Co., 81 PINE STREET, NEW YORK.

H. Bayersdorfer & Co.

50 to 56 North Fourth St.,

PHILADELPHIA.

Please mention the American Florist when writing.

A. HERMANN,

Cape Flowers, all colors,
Cycas Leaves, Metal Designs,
and All Florists' Supplies.

SEND FOR PRICES.

404-412 East 34th Street, NEW YORK.

Please mention the American Florist when writing.

KORAL LETTERS

For Sale by all Wholesale Houses.

Koral Mfg. Co.,

12 Hawley Place, Boston, Mass.



Send for Booklet entitled "HOW."

The PERFECT FLUE CLEANER

C. S. KREIDLER, Sta. H, Cleveland, O.

Wired Toothpicks

10,000, \$1.50; 50,000, \$8.25. Manufactured by
W. J. COWEE, BERLIN, N. Y.
Sample Free. For sale by dealers.

L. BAUMANN & CO.,

Importers and Manufacturers of
Florist Supplies

76-78 Wabash Ave., CHICAGO.

Write for our New Catalogue F. Our prices may interest you.

BEST ENGRAVINGS and ILLUSTRATIONS

—Of Every Description—

FOR CATALOGUES.

SEE OUR WORK IN THIS PAPER.

SEND FOR ESTIMATES.

GLOBE ENGRAVING and ELECTROTYPE CO.

407-427 Dearborn St., CHICAGO.

"There is only One."

The Fumigating Kind Tobacco Powder

WHAT A FEW SAY, ALL THAT USE IT SAY.

Kansas City.
We consider The Fumigating Kind Tobacco Powder good, it is cheap and effective. We have with 25¢ worth of your Fumigating Kind Tobacco Powder smoked as much space and done the work as well as some other kinds of Fumigating that cost us \$2.50 for same space and the Black Stuff Fine for sprinkling is all right too, gets them every time. Send us another 1000 lbs. of Fumigating Kind Tobacco
ROBT. S. BROWN & SON.

St. Cloud, Minn.
Kindly send us at once 50 lbs. of Fumigating Kind Tobacco Powder. Best thing we ever used; can not get same good results with any other preparation.
THE KINDLER
FLORAL CO.

Thompsonville, Ct.
The sample bag of The Fumigating Kind Tobacco Powder worked like a charm. Enclosed find \$2.00 for 100 pounds to be shipped at once by freight
D. WM. BRAINARD

Belvidere, Ill.
I have been using your Fumigating Kind Tobacco Powder in my greenhouses for some time, and I do not hesitate to say that I consider it the best thing of its kind that I have ever used; it has given me the best of satisfaction and at present I do not know of anything as good.
B. ELDREDGE

A FREE trial five pound bag will cost you nothing more than the express charges on it, the trial bag will prove our assertion that it is the most effective, cleanest and quickest as well as the cheapest (10 cents per 100-foot house) article to fumigate with. All aphids killed in one night—our booklet tells of it, we mail one on request.

THE H. A. STOOHOFF COMPANY, Tobacco Powder Hobbyists, 116, 117, 118 West St., New York.



THOSE RED POTS

"STANDARDS"
FULL SIZE AND WIDE BOTTOMS.
BULB PANS AND AZALEA POTS.

DETROIT FLOWER POT M'FY.,

HARRY BALSLEY,
Rep.

DETROIT, MICH.,
490 Howard St.,

Please mention the American Florist when writing.

WRITE

A. F. Kohr

1521-23 N. Leavitt St., CHICAGO, ILL.,

FOR PRICES OF

Standard Pots which for strength and porosity combined are the best on the market.
Please mention the American Florist when writing

Standard Flower... POTS

If your greenhouses are within 500 miles of the Capitol, write us, we can save you money.....

W. H. ERNEST,

28th and M Streets.

WASHINGTON, D. C.

It is good business policy
.....to mention the

American Florist

When you write to an advertiser.

Standard Flower Pots

The WHILLDIN POTTERY COMPANY,
PHILADELPHIA PA. JERSEY CITY, N. J. LONG ISLAND CITY, N. Y.
Traveling Representative, U. CUTLER RYERSON, 108 Third Ave., Newark, N. J.

THE KELLER POTTERY COMPANY,

Manufacturers of **FLORISTS' RED STANDARD POTS.**

Azalea Pots, Bulb and Fern Pans, Etc.

Write for Price List. 213-15-17-19-21-23 Pearl St., NORRISTOWN, PA.



RED POTS

SAMPLE POT AND PRICE LIST
ON APPLICATION.

C. C. POLLWORTH CO., MILWAUKEE, WIS.



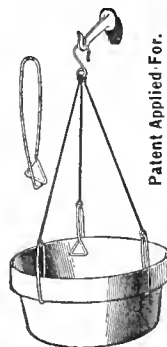
GEO. KELLER & SON,
MANUFACTURERS OF
FLOWER POTS.

Before buying write for prices.

361-363 Herndon Street,
near Wrightwood Ave.,

CHICAGO, ILL.

Kramer's Pot Hanger



Patent Applied For.

The neatest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They fit all standard made pots from 2 to 10 inches in diameter. The illustration shows how they are attached. Just the thing for hanging up ferns, begonias, etc. You can make room and money by their use. Try them.

FOR SALE BY WHOLESALE SEEDSMEN, FLORISTS AND SUPPLY DEALERS.

Price with wire chain as shown in cut, \$1.00 per dozen by express. Sample dozen by mail, \$1.25.

I. N. Kramer & Son, Cedar Rapids, Iowa.

STANDARD FLOWER POTS!

Packed in small crates, easy to handle.

| Price per crate | Price per crate |
|------------------------------|-----------------------------|
| 1500 2-in., in crate, \$4.88 | 120 7-in., in crate, \$4.20 |
| 1500 2 1/2 " " 5.25 | 60 8 " " 3.00 |
| 1500 2 3/4 " " 6.00 | 48 9-in., in crate, \$3.60 |
| 1000 3 " " 5.00 | 48 10 " " 4.80 |
| 800 3 1/2 " " 5.80 | 24 11 " " 8.60 |
| 500 4 " " 4.50 | 24 12 " " 4.80 |
| 320 5 " " 4.51 | 12 14 " " 4.80 |
| 144 6 " " 3.16 | 6 16 " " 4.50 |

Seed pans, same price as pots. Send for price list of Cylinders for Cut Flowers, Hanging Baskets, Lawn Vases, etc. Ten per cent off for cash with order. Address

HILFINGER BROS. POTTERY, Fort Edward, N. Y.
Or AUGUST ROLKER & SONS, New York Agents,
31 Barclay Street, New York City.

The Allied Trades

Descriptive particulars—with drawings or photographs, if possible—of any new apparatus or device which may prove helpful to the trade are solicited for this department.

COAL prices at the mines on contracts of 1905 have been given out at Chicago as follows: Lump, \$1.35; three-fourths lump, \$1.25; mine run, \$1.05.

The Glass Market.

Business keeps up remarkably well and on the surface, at least, there are few disturbing influences. Manufacturers are all busy and many are hard pressed to meet demands for assorted sizes. They are so well sold ahead that the announcement is freely made of an advance in price after the turn of the year. Orders have been refused for delivery after January 1 at current prices. The firmness of the market, says the New York Commercial, has been occasioned by the steady demand and the general curtailment of production this season, owing to a number of the smaller factories failing to start up. The new association of manufacturers and jobbers appears to be working harmoniously. The manufacturers, according to all accounts, are living up to their agreement, and there is less complaint than usual of going behind the jobbers in the distribution of glass. With an active demand and the prospects of an advance after January 1, the local market is naturally firm, but prices are as yet undisturbed.

The New Bard & Davis Greenhouse.

The recently formed firm of Bard & Davis have had courage enough to build on the butted glass system in their new greenhouse. The firm has the record for having built it in zero weather. R. H. C. Bard showed the writer through the new structure. At the gutters where most of the breakage occurs a $\frac{3}{4}$ -inch rubber screw top is being used and gives all the play desired. The firm has been cognizant of the fact that the work on this glazing system must be done on the square to be a success. Another thing to be noted is that the bars are two feet apart, the houses erected previously having stood the test of hard winds. Another feature of the new house is Mr. Bard's header device. A piece $1\frac{1}{4} \times 2$ inches is so mortised that it fits on the top of the center bar and with two side strips forms an air tight chamber for the ventilator and can easily be removed at any time.

The system of tie rods is economical and effective. It consists of a bar of $\frac{3}{4}$ -inch round iron screwed to the gutter overlapping the purlin and connected with a turn buckle in the center. This ties the house down and keeps it in perfect form. These rods are twelve feet apart. All the houses have a side light of two feet. A. J. B.



**EVANS' IMPROVED
CHALLENGE
VENTILATING
APPARATUS**

WRITE FOR ILLUSTRATED CATALOGUE
QUAKER CITY MACHINE WORKS
RICHMOND, IND.

The James H. Rice Co. IMPORTERS and JOBBERS GREENHOUSE GLASS

A SPECIALTY.

Window Glass, Paint, Putty, etc.
80-82 Wabash Avenue and 34 to 40 South Water Street, CHICAGO.

GULF CYPRESS GREENHOUSE MATERIAL

HOT-BED SASH, BOILERS, PIPES, FITTINGS,
VENTILATING APPARATUS.

GLASS AT WHOLESALE.

We furnish everything for building. Send for prices and catalogues.

S. Jacobs & Sons, 1365-1373 Flushing Ave.
BROOKLYN, N. Y.

Please mention the American Florist when writing

The Standard VENTILATING MACHINERY



The original machine with self-oiling cups. The most powerful, least complicated, very compact with ease of operation.

The New Duplex Gutter

Over six miles in use and highly recommended by all. The only Drip Proof gutter on the market.

The Standard Return Steam Trap

It has no equals for simplicity or its working. Catalogue free.

E. HIPPARD, Youngtown, Ohio,

Established 1899. Tel. 174 Bergen.

Phillips Manufacturing Co.

222-226 Kearney Ave., Jersey City, N. J.

Horticultural Architects, Builders
and Heating Engineers.

Designers and Manufacturers of every description of Glass Houses for private or commercial uses. Most modern and up-to-date.

If you write or telephone us, we do the rest.

—RUSTIC WORK A SPECIALTY.—

H. M. HOOKER CO.

Window Glass, Paints and Putty.
Greenhouse Glass a Specialty.

59 W. Randolph St., CHICAGO.

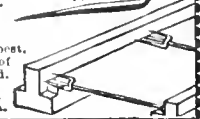
Holds Glass
Firmly

See the Point
PEERLESS

Glazing Points are the best.
No rights or lefts. Box of
1,000 points 75 cts. postpaid.

HENRY A. DREER,
714 Chestnut St., Phila., Pa.

FULL SIZE
No 2



GLASS.

GOOD BRANDS.
QUICK SHIPMENTS.
LARGE STOCK.

Warehouse on railroad switch. Be sure
and get our prices.

Sharp, Partridge & Co.

22nd St. and Union Place, CHICAGO.

D. O. Cunningham Glass Co.

PITTSBURG, PA.

TANK WINDOW GLASS.

Hot-House Glass a Specialty.

CYPRESS
IS FAR MORE DURABLE THAN PINE.

**CYPRESS
SASH BARS**
UP TO 32 FEET OR LONGER.

GREENHOUSE
AND OTHER BUILDING MATERIAL,
MEN FURNISHED TO SUPERINTEND
ERECTION WHEN DESIRED.

Send for our Circulars.
The A. T. Stearns Lumber Co.,
NEPONSET, BOSTON, MASS.

Sprague Smith Co.

PLATE AND WINDOW GLASS

Greenhouse Glass a Specialty.

205 Randolph Street, CHICAGO

STENZEL GLASS CO., GREENHOUSE GLASS.

French and American "WHITE ROSE"
Brand.

2 Hudson St.,
NEW YORK.

101 Portland St.,
BOSTON.

Sun Cured CYPRESS Greenhouse Material

—ALSO—
HOT-BED SASH.

Tennessee Red Cedar Posts.
Pecky Cypress bench lumber.

FOLEY Ventilating Apparatus.
Galvanized vent sash hinges,
screw eyes, screwhooks, U
bolts, Galvanized turn-
buckles and wire.

FITTINGS for Purlin and
Ridge Supports.

Free Illustrated Catalogue.

Foley Mfg. Co.

471 W. 22nd St.,
CHICAGO.

Please mention the American Florist when writing.



ALWAYS mention the AMERICAN FLORIST
when writing to advertisers.



GREENHOUSE MATERIAL.

Wash. Red Cedar and La. Cypress.

HOTBED SASH. GREENHOUSE HARDWARE.

BEST GRADES. PERFECT WORKMANSHIP.

Write for Catalogue and estimates.

A. Dietsch Co. 615-621 Sheffield Ave.
Chicago, Ill.

Use our Patent
IRON BENCH
FITTINGS and
Roof Supports.



Improved Vaporizing Pans **VENTILATING APPARATUS.**
For Tobacco Extractions, Etc. Send for Circulars.
DILLER, CASKEY & CO., SUCCESSIONS TO JENNINGS BROTHERS,
S. W. Cor. Sixth and Berk Sts., PHILADELPHIA.



A sample of our Gutter is on Exhibition at the Chicago Flower Growers' Market.

Hot-Bed SASH

FOR IMMEDIATE SHIPMENT.

THREE SIZES:

3 ft. x 6 ft. 3 rows, 10-inch glass
3 ft. 3-in. x 6 ft. 4 rows, 8-inch glass
4 ft. x 6 ft. 5 rows, 8-inch glass
1 7-16 inches thick.

OF STRICTLY CLEAR GULF CYPRESS

These sash are strongly braced,
very stiff, light, and durable.

Prices Reasonable.

—O—
**CLEAR HEART CYPRESS
GREENHOUSE MATERIAL.**

—O—
PLANS AND ESTIMATES FURNISHED.

Lockland Lumber Co.,

LOCKLAND, O.

SPENCER, MASS.—The greenhouse of
Charles H. Greene was badly damaged
by fire December 15. Many plants were
destroyed.

PUMPS Rider-Ericson. Second-hand. From
\$1.00 up; all repairs, other makes;
new; cheap.

BOILERS Second-hand Greenhouse Boilers,
guaranteed. Send for prices; state
size wanted.

PIPE New 2-in. full lengths, with coupling, 8 $\frac{1}{2}$ c
a foot. Good serviceable second-hand, 2-
in., 6 $\frac{1}{4}$ c; 1 $\frac{1}{4}$ -in., 5 $\frac{1}{2}$ c; 1 $\frac{1}{2}$ -in., 3 $\frac{1}{2}$ c; 1-in., 3c;
 $\frac{3}{4}$ -in., 2 $\frac{1}{2}$ c. New and old fittings and valves.

GARDEN HOSE New, $\frac{3}{4}$ -in., guaranteed 100-lbs.
pressure, 7 $\frac{1}{2}$ c per ft.; $\frac{1}{2}$ -in. not
guaranteed, 4 $\frac{1}{2}$ c per ft.

HOT-BED SASH New Cypress, 3x6-ft., from
70c up; glazed, complete, from
\$1.00 up.

Get our prices on New Cypress Building Material
Ventilating Apparatus, Oil, White Lead, Putty,
Paint, Points, Etc.

OLD GREENHOUSES BOUGHT.

SEND FOR PRICES ON STEAM FITTING TOOLS.

References: Bradstreet's, Dunn's or Broadway
Bank of Brooklyn.

Metropolitan Material Co.,
1398-1403 Metropolitan Ave., BROOKLYN, N. Y.

ADAM SCHILLO LUMBER CO.

—DEALER IN ALL KINDS OF—

Hemlock and Pine Lumber

and "PECKY CYPRESS" our new introduction
to the trade.

For Greenhouses.

ALSO CEDAR POSTS OF ALL LENGTHS and DIMENSIONS
Having had an extensive experience in the line
of Lumber and Posts needed for Greenhouse work,
I am prepared to meet all inquiries. Send for prices.

Cor. Weed & Hawthorne Ave., CHICAGO, ILL.
Tel. North 1626 and 1627.

References given from the leading Florists
of Cook County.

The King Construction Co.

New Roof Construction, Automatic
Stokers, Water Tube Steam Boiler,
Automatic and Hand Ventilators.....

NORTH TONAWANDA, N. Y.

32 Church St., TORONTO, ONT.

Index to Advertisers.

Advertising rates.. 914
 Aiken Mark.....924
 Albany Steam Trap Co. 936
 American Blower Co. 11
 Amling E. C.....917
 Aschmann Godfrey. 929
 Backer & Co.....927
 Bassett & Washburn. 917
 Baumann L & Co.....932
 Baur Floral Co.....929
 B. K. & B. Floral Co. 928
 Bayersdorfer H & Co. 932
 Beaven E. A.....921
 Beckert W. C.....11
 Benson C. W.....928
 Benthey Coatsworth. 917
 Berger Bros.....918
 Berning H. G.....916
 Bertermann Bros. Co. 920
 Blaauw J. & Co.....925
 Boddington A. T.....925
 Boston Letter Co.....932
 Brant D. Wood.....917
 Breitmeyer's J. Sons
920 929
 Brod John.....930
 Bruns H. N.....11
 Buckley W. T. Co.....930
 Budlong J. A.....917
 Burpee W. A. & Co.....11
 Butler Walter.....930
 Byer Bros.....930
 Byer Floral Co.....925
 Caldwell the Woods-
 man Co.....918
 Carmody J. D.....936
 Chadwick Chas.....920
 Chicago Carnation Co. 929
 Chicago House
 Wrecking Co.....931
 Cleveland Cut Flow Co. 918
 Cockerill Jas. D.....927
 Coles W. W.....930
 Colflesh J. W.....930
 Conrad & Jones Co. 925
 Cotsonas Geo. & Co. 918
 Cottage Gardens Co. 927
 Cowee W. J.....932
 Craig Robt & Son.....929
 Craig Wm P.....928
 Cross Eli.....928
 Crowl Fera Co.....918
 Cunningham D. O.
 Glass Co.....934
 Cunningham Jos. H. 934
 Davis A. B. & Son.....926
 Davis Bros.....930
 Deamud J. B.....917
 Detroit Flower Pot
 Mfg.....933
 Dietsch A. Co.....935
 Diller Caskey & Co. 935
 Dillon J. L.....928 929
 Dillon's Mfg Co.....936
 Doraer F. & Sons Co. 1
 Dreer H. A.....934
 Dreyer R.....930
 Dykhuis J. & Co.....925
 Eaton H. N.....930
 Elliott Wm H.....918
 Elliott Wm & Sons.....922
 Emmans Geo M.....930
 Ernest W. H.....933
 Feurich J. S.....919
 Fisher Peter.....1
 Flower Growers Co. 917
 Foley Mfg Co.....935
 For sale and rent.....915
 Ford Bros.....919
 Foster Lucius H.....930
 Freeman Jos R.....920
 Gardener's Chronicle. 927
 Garland Geo M.....935
 Geller Sigmund.....932
 Ghormley Wm.....919
 Gihlin & Co.....111
 Glauber Emil.....929
 Globe Eng Co.....932
 Grand Rapids Florist
 Association.....921
 Gude A. & Bro.....920
 Gunther Wm H.....919
 Gurney Heater Co.....936
 Guttman Alex J.....99
 Hall & Jones Co.....921
 Hansen Julius.....11
 Hart Jus.....918
 Hartman Hjalmar Co. 2
 Hauswirth F. J.....920
 Heacock Jos.....930
 Heller & Co.....11
 Heller Bros.....914
 Herendeen Mfg Co. 111
 Hermitage Card Co. 927
 Herr Albert M.....928
 Herrmann A.....932
 Hess & Swoboda.....920
 Hews A. H. & Co.....933
 Hillager Bros.....933
 Hill The E. G. Co.....1
 Hinode Florist Co.....928
 Hippard E.....924
 Kitchings & Co.....111
 Holm & Olson.....920
 Holton & Huackel Co. 916
 Hooker H. M. Co.....934
 Horae Edw C.....919

Hort Advertiser.....932
 Huot E. H.....917
 Hyllton J. E. & Co.....11
 Indianap's Floral Co. 920
 Jacobs S. & Sons.....934
 Jennings E. B.....925
 Kasting W. F.....1
 Keller Geo & Son.....933
 Keller Pot Co.....933
 Kennicott Bros. Co. 921
 Kentucky Tobacco
 Product Co.....932
 Kervan Co The.....918
 King Construction Co. 935
 Knapp Chas A.....930
 Kohr A. F.....933
 Koppelman E. L. & Co. 932
 Koral Mfg Co.....932
 Kramer I. N. & Son.....933
 Kreidler C. S.....932
 Kroeschell Bros Co. 936
 Kuehn C. A.....916
 Kuhl G. A.....928 930
 Lager & Hurrell.....929
 Lang Julius.....919
 Langjahr A. H.....919
 Larchmont Nurseries. 928
 Leakes N. & Co.....918
 Lehman Bros.....932
 Leikens.....920
 Livingston Seed Co. 931
 Lockland Lumber Co. 935
 Loomis Carnation Co. 927
 Loomis Floral Co.....926
 Lord & Huroham Co
111 IV
 Love J. G.....918
 Madger Paul.....928
 May John N.....1
 McCullough's J. M
 Sons Co.....916
 McKellar Chas W.....921
 Mette Henry.....11
 Metropolitan Mate-
 rial Co.....935
 Mich Cut Flower Ex. 921
 Millang Chas.....919
 Mills The Florist.....920
 Moller Ludwig.....11
 Moninger J. C. Co.....935
 Moon The Wm H Co. 924
 Moore Heutz & Nash. 919
 Mosbaek L.....930
 Musson Greenh's.....925
 Murchie John.....927
 Murdoch J. B. & Co. 916
 Natl Flo Hd of Trade. 926
 N Y Cut Flower Co. 919
 N Y Cut Flower Ex. 919
 Nickel Plate R. R.....928
 Niessen Leo Co.....914
 Palmer W. J. & Son. 920 928
 Park Floral Co.....920
 Peacock L. K.....928
 Peterson Nursery.....925
 Phila Cut Flower Co. 921
 Phila Wholesale
 Flower Market.....918
 Phillips Mfg Co.....934
 Pierson F. R. & Co.....927
 Pierson-Sefton Co. 111
 Pittsburgh Cut Flo Co. 916
 Pittsburg Florist Ex. 916
 Poeslmann Bros Co. 917
 Polworth C. C. Co. 920 933
 Pritchard J. N.....918
 Quaker City Mach Wks. 934
 Randall A. L. Co.....921
 Rawson W. W. & Co. 11
 Raynor J. I.....919
 Reed & Keller.....932
 Rees & Compere.....922
 Regan Print House. 936
 Reinberg Geo.....917
 Reinberg Peter.....921
 Rice Bros.....916
 Rice James H. Co.....934
 Rice M. & Co.....932
 Robichon A. Fils.....925
 Robinson H. M. & Co. 918
 Roehrs Julius.....929
 Rolker A. & Sons.....925
 Rossig Bros.....932
 Rossiter H.....930
 Sander & Sons.....922
 Schillo Adam.....935
 Scott John.....930
 Sharp Partridge & Co. 934
 Sherman Nursery Co. 930
 Sheridan W. F.....919
 Sievers & Boland.....920
 Sinner Bros.....917
 Skidelsky S. S.....927
 Smith Nath & Son.....928
 Smith W. T. Co.....1
 Smits Jaco.....925
 South Bend Floral Co. 926
 Sprague Smith Co. 934
 Standard Pump &
 Engine Co.....111
 Stearns Lumber Co. 931
 Stenzel Glass Co.....934
 Stouthoff H. A. & Co. 932
 Storrs & Harrison.....925
 Styer J. J.....11
 Sunset Hort Design
 & Eng Co.....11

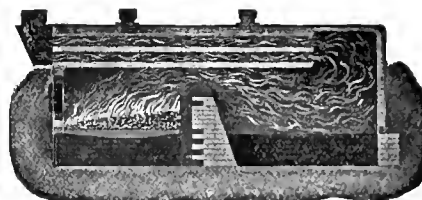
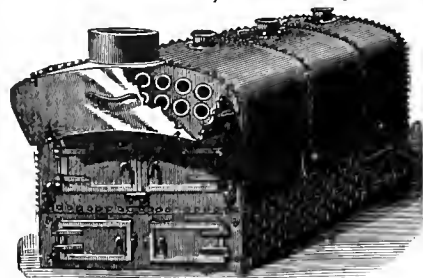
Syracuse Pottery Co. 933
 Templin Co.....929
 Thompson J. D. Car-
 nation Co.....1
 Thorburn J. M. & Co. 11
 Tobacco Warehouse &
 Trading Co.....932
 Toole Wm.....11
 Traendley & Schenck. 919
 Van Kleeft W. & Sons. 925
 Vaughan's Seed Store
111 923 924 925 929
 Vaughn & Sperry. 921
 Vick's Sons Jas.....924
 Walker F. & Co.....930
 Walker Seed Co.....922
 Ward Ralph M. & Co. 11
 Watson W. H.....930

KROESCHELL BROS. CO.

IMPROVED

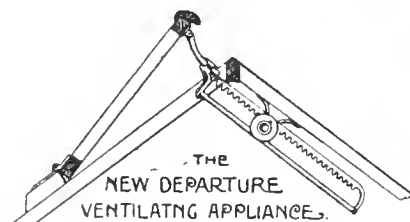
Greenhouse Boiler,

45 Erie St., CHICAGO.



Boilers made of the best of material, shell, fire-
 box sheets and heads of steel, water space all
 around (front, sides and back). Write for
 information.

Please mention the American Florist when writing.



THE
 NEW DEPARTURE
 VENTILATING APPLIANCE.

CHEAPEST AND BEST.

If you doubt it try them and be convinced.
 Send for descriptive price circular.

J. D. Carmody, Evansville, Ind.

Please mention the American Florist when writing.

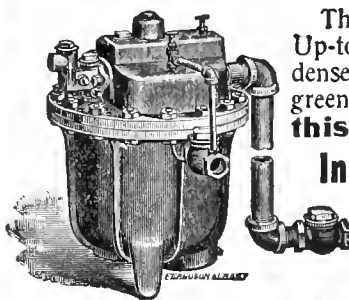
Eureka Greenhouses....

THE BEST AND LOWEST IN PRICE.

All houses erected at the factory and
 shipped to purchasers with blue prints,
 photographs and plain directions so that any person can put them up.

DILLON GREENHOUSE MFG., CO., Bloomsburg, Pa.

Steam Traps SAVE COAL



This is the Return Steam Trap used by the
 Up-to-date Greenhouse men to return the con-
 densed water from the heating coils in their
 greenhouses. Have been in use for
 this purpose over 30 years.

Insures an Even Temperature.

Send For Red Catalogue.

Albany Steam Trap Co.

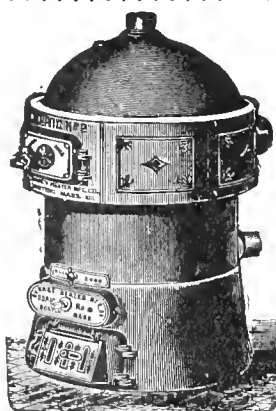
ALBANY, N. Y., U. S. A.

CROP INSURANCE.

Life Insurance is valuable because it guarantees the outcome.

"Gurney" Heaters

"BRIGHT IDEA," "DORIC" and "400 SERIES" do the
 same thing for your hothouse: THEY GUARANTEE THE
 CROP. First of all they save 20 per cent on the coal bill and
 so keep expense at a minimum. Next, they produce an even
 heat and so do not imperil the life of the plant. Next, they
 are simple to operate and so require least attention. Lastly,
 they wear longer than others and thus perceptibly reduce the
 capital invested. Don't buy or exchange until you've inves-
 tigated them.



"DORIC" HEATER.

GURNEY HEATER MFG. CO.

74 Franklin Street,
 BOSTON, MASS.

111 Fifth Avenue,
 NEW YORK CITY.

THE AMERICAN FLORIST



America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."

Vol. XXIII.

CHICAGO AND NEW YORK, DECEMBER 31, 1904.

No. 865

THE AMERICAN FLORIST

TWENTIETH YEAR.

Copyright 1904, by American Florist Company.
Entered as Second-Class Mail Matter.

PUBLISHED EVERY SATURDAY BY

AMERICAN FLORIST COMPANY,
324 Dearborn St., Chicago.

Eastern Office: 429 Sixth Ave., New York.

Subscription, \$1.00 a year. To Europe, \$2.00.
Subscriptions accepted only from the trade.

Volumes half-yearly from August, 1901.

SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—PHILIP BREITMEYER, Detroit, Mich., president; J. J. BENEKE, St. Louis, Mo., vice-president; WM. J. STEWART, 11 Hamilton Place, Room 11, Boston, Mass., secretary; H. B. BEATTY, Oil City, Pa., treasurer.

OFFICERS-ELECT—J. C. VAGRAN, president; J. R. FREEMAN, vice-president; secretary and treasurer as before. Twenty-first annual meeting at Washington, D. C., August, 1905.

THE AMERICAN CARNATION SOCIETY.

Annual convention at Chicago, January 25-26, 1905. ALBERT M. HERR, Lancaster, Pa., secretary.

AMERICAN ROSE SOCIETY.

Annual meeting and exhibition, Boston, Mass., 1905. LEONARD BARRON, 136 Liberty St., New York, secretary.

CHRYSANthemum SOCIETY OF AMERICA.

Annual convention and exhibition, November, 1905. FRED H. LEMON, Richmond, Ind., secretary.

THIS ISSUE 44 PAGES WITH COVER.

CONTENTS.

| | |
|-----------------------------------------------|-----|
| The Christmas trade..... | 937 |
| Christmas with Chicago retailers..... | 939 |
| New York Christmas trade..... | 940 |
| Palms and ferns—Florists' ferns (illus.)..... | 941 |
| With the growers..... | 941 |
| —Louis Dupuy, Whitestone, L. I. (illus.)..... | 941 |
| —J. A. Budlong & Sons Co..... | 944 |
| Begonia Gloire de Lorraine..... | 944 |
| The carnation..... | 945 |
| —Carnation Red Sport (illus.)..... | 945 |
| —Housing carnations..... | 945 |
| Connecticut Horticultural Society..... | 945 |
| The retail trade..... | 946 |
| —Some Chicago Christmas designs (illus.)..... | 946 |
| New York..... | 946 |
| Chicago..... | 947 |
| Philadelphia..... | 948 |
| Boston..... | 948 |
| Buffalo..... | 949 |
| Baltimore..... | 949 |
| Detroit..... | 949 |
| Pittsburg..... | 949 |
| Carnegie Institute aids Burbank's work..... | 950 |
| American Carnation Society..... | 950 |
| Obituary—Prof. J. L. Budd..... | 951 |
| Providence, R. I..... | 951 |
| The seed trade..... | 958 |
| —British seed trade notes..... | 958 |
| The nursery trade..... | 960 |
| Washington..... | 960 |
| Our pastimes..... | 962 |
| Milwaukee..... | 962 |
| St. Louis..... | 962 |
| Cleveland..... | 966 |
| Louisville..... | 966 |

THE CHRISTMAS TRADE.

GRATIFYING increases in Christmas business, with prices as good, where they were not better than last year, are indicated in the majority of reports of the holiday trade received from dealers in all parts of the country. The tendencies of trade which were noted last year, marked by the decline of bulbous stock in favor, particularly in the large cities, and the increased popularity of plant arrangements, were emphasized this season. But there was no falling off in the sale of the cut flower staples, higher prices than ever being obtained in many centers and the supply was entirely inadequate to the demand. The quality of the stock generally was excellent and there were few reports of pickled stock, which seems to indicate that growers are learning a valuable lesson. Some of the reports follow:

TOLEDO, O.—G. A. Heinl says that it was a standard Christmas week, with good prices prevailing. Violets were scarce and bulbous stock sold fairly well. Cyclamens and Begonia Gloire de Lorraine did not sell as well as last year.

NEW ORLEANS.—Trade was better than last year with more stock in the market. Northern shipped flowers were high and local prices were \$5 per dozen for roses and \$2 and \$3 for carnations. The weather was mild, says M. M. de Laponyade.

HAMILTON, ONT.—Business was better by twenty-five per cent than last year, prices the same, stock short and quality good. Hyacinths and narcissi sold better than last year. Palms were not popular but good flowering plants and ferns sold well, says E. G. Brown.

DAVENPORT, IA.—Roses and violets were the only shortage, for which there was a strong demand. Roman hyacinths proved good sellers. Poinsettias, cyclamens and begonias had a steady call. A ten per cent increase over Christmas, 1903, is reported by J. T. Temple.

ADRIAN, MICH.—Nathan Smith & Son say that thirty per cent will about indicate the increase in business over Christmas 1903. Cut flowers equaled the demand and bulbous stock was slow sale. Plants sold well and the demand for holly showed a healthy increase.

ERIE, PA.—Sales were greater by twenty-five per cent and better prices were obtained for cut flowers, especially for carnations. The demand and supply were about equal. The quality of stock was superior to last year. Poinsettias were in increased demand and flowering plants of all kinds sold well, reports the Baur Floral Company. Several large funerals cleaned up all stock not otherwise disposed of.

ROCHESTER, N. Y.—All kinds of flowering plants sold well here and business showed a twenty-five per cent increase over last year. Prices were about the same and stock was plentiful and good. Azaleas, cyclamens, poinsettias and Roman hyacinths in pans led as the plant favorites, with Boston ferns and palms close behind, say J. B. Keller's Sons.

JACKSON, MISS.—This year's Christmas trade was the best W. J. Brown, Jr., ever had, with business twenty-five per cent greater, prices twenty per cent better than last year and stock short, owing to shipping orders being cut. Bulbous stock was in good supply and demand and the quality of other flowers compared well with last year. Red carnations were the favorite cut flowers and blooming plants were in most demand.

BRIDGEPORT, CONN.—There was an increase of fifteen per cent in business, but prices were from fifteen to twenty per cent lower than last year, notes John Reck. Roses, carnations and violets were in surplus and bulbous stock could not be sold. Roses alone were of poorer quality than last year. The small demand for cut flowers was offset by an increased demand for plants of all kinds. People in general found much fault with the high prices.

AURORA, ILL.—There was a slight increase in total sales noted by J. M. Smely. Prices were the same as last year. Roses, carnations and violets were short, but there was a surplus of bulbous stock. Plants of all kinds and cut carnations were better than last year, but stock in other lines was below grade. There was an increased demand for carnations, especially red, and a greater call for flowering plants. More people bought than ever before and nothing but first-class stock was salable. Not one in a hundred complained about prices.

ALEXANDRIA, VA.—Trade was excellent. Carnations were better than last year in spite of bad weather. There was not enough to go around and all other cut flowers were well cleaned up by funeral work.

JACKSONVILLE, ILL.—Normal business for the season, with last year's prices ruling. Cut flowers short and increase in all plant sales. Weather rainy on Christmas and day before, say Joseph Heintz & Sons.

JACKSON, MICH.—Nothing unusual in the holiday trade here, say Lee & Company. 1903 prices ruled, both wholesale and retail. Violets and carnations were short. Plant sales were about on a par with last year.

SARATOGA SPRINGS.—Business was about the same as last year, with an increase demand for decorative and flowering plants with plenty of ribbon and pot covers used. Holly and green were in demand, says John Ralph.

SPRINGFIELD, MO.—An increase in total sales of twenty per cent is noted by W. A. Chalfant. First quality roses and carnations were scarce, the latter having the call. There was but a moderate demand for bulbous stock.

ELIZABETH, N. J.—A business from ten to twenty per cent greater, with prices a trifle higher as a rule, stock plentiful and good and an increased demand for plants of all kinds were noted by John White. Bulbous stock was not popular.

GRAND RAPIDS, MICH.—Business was better than last year with prices the same and stock plentiful and good. There was a good call for large flowering plants and everything desirable in all lines was well cleaned up, says Henry Smith.

IOLA, KAN.—The Iola Greenhouses experienced their largest Christmas business, 100 per cent better than last year. Carnations took the lead with red and white in most demand. Everything in the shape of a decent plant was sold.

WINONA, MINN.—Ed. Kirchner says that violets were the only scarcity. An average Christmas trade is reported. Large increase in demand and supply of plants. Carnations were the leaders in public favor and retail prices were higher than usual.

KOKOMO, IND.—There was a slight increase in business, with cut flower supply good and prices the same as last year. The quality of stock was fair. Bulbous stock went slowly. Blooming plants were in especial favor, according to W. W. Coles.

FREMONT, NEB.—C. H. Green figures an increase of at least twenty-five per cent over last year's business. Plenty of cut flowers. Bulbous stock not wanted. Quality of all stock superior to last year's. Liberty roses only shortage. Few plants wanted.

MITCHELL, S. D.—A remarkable increase this year was noted by S. D. Newbury, business being forty per cent greater than last year and prices twenty-five per cent better. In roses, carnations and violets the best cut ever known was sold clean out. The quality of stock was superior. Carnations and violets enjoyed an increased popularity. Palms and Begonia Gloire de Lorraine were the favorite plants. "The most interesting feature was good orders for good flowers at good prices, with no kicking," says Mr. Newbury.

POUGHKEEPSIE, N. Y.—An increase of ten per cent over Christmas, 1903, is reported by M. J. Lynch. The cut flower supply was not equal to the demand and fancy carnations were wanted badly. A surprise was the decreased demand for both flowering and decorative plants.

LAFAYETTE, IND.—Holiday business shows up fifteen per cent better than last year in point of total sale values. Retail prices were higher than 1903. Carnations were the only shortage and all cut flowers were of high grade. Blooming plants were favorites, writes F. Dorner & Sons Company.

BAY CITY, MICH.—An average Christmas with wholesale and retail prices on par with 1903. Roses, carnations and violets not over plentiful. Quality of everything ahead of previous year. Red carnations had first call. The old Boston fern is still in the lead, say Boehringer Brothers.

HOLYOKE, MASS.—The usual Christmas business with slightly advanced prices over those of last year is reported by E. H. Howland. Roses and carnations were all used up and bulbous stock was



Aspidium Tsussimense.
(See Florists' Ferns, page 941.)

taken as second choice. Fancy carnations were wanted. Christmas greens fell short of the demand.

WICHITA, KAN.—The florists enjoyed a nice increase in total sales over the season of 1903. Good cut flowers were scarce but bulbous stock was in great supply with slow demand. Plants did not take with so much favor as last year. Azaleas sold well. Holly and green sold out, report W. H. Culp & Company.

SHARON, PA.—Business was twenty per cent larger than last year with prices the same and stock short. The demand for Boston ferns was brisk. Everything sold out cleanly, and carnations, roses and violets were too few to go around. More wreathing was sold than ever before, orders being refused by John Murchie after Saturday noon.

SCHENECTADY, N. Y.—Christmas trade averaged slightly better than last year. Roses, carnations and violets were in line demand with not enough to fill orders. Violets and red carnations were the leaders. Ardisias, small palms and Boston ferns were good property. Unusual demand for holly and wreaths.

Limmer & Evans report satisfaction in every department of the trade.

STREATOR, ILL.—The W. C. Hill Floral Company enjoying the best trade in its twenty years' history. It was distinctly a cut flower trade and carnations were the favorites, blooms that a year ago brought sixty to seventy-five cents a dozen, bringing readily \$1. Stock was in good supply and of excellent quality and all orders were filled.

LEXINGTON, KY.—An artistically decorated store is credited by Honaker, the Florist, with helping to increase business twenty per cent over last year. Prices were the same. Valley sold well but not so bulbous stock. The quality of stock was excellent and there was a tremendous demand for carnations. There was a large increase in the sale of plants.

FARGO, N. D.—Shotwell & Graver report business about on a par with that of 1903, with retail prices ten per cent higher this year. There was little demand for bulbous stock and the supply of cut flowers was more than ample for the demand. Plant sales were very heavy, especially of the flowering kind. Fine demand for holly.

ROCKFORD, ILL.—Prices were the same as last year with plenty of roses, violets and carnations, except red ones. There was a good supply of hyacinths and narcissi with fair demand. Stock was of better quality than last year. Azaleas sold well, as did most plants in bloom. Dwarf crimson ramblers met with favor but the price was considered high.

CAMDEN, N. J.—Bad weather reduced the trade, business being the same as last year, with prices as good if not better. Carnations were the favorite cut flower and cyclamens and Begonia Gloire de Lorraine led in plants. There was a great demand for holly, mistletoe and laurel wreathing. C. W. Turnley sold 160 moss wreaths, with various inscriptions, for cemeteries.

KNOXVILLE, TENN.—A twenty per cent increase in business with prices the same as last year and the supply of roses, carnations and violets equal to the demand is reported by C. W. Crouch. The call for bulbous stock was fairly good. All flowers were of good quality. There was a largely increased demand for flowering plants and ferns. More cash sales were noted and good sales of plants early in Christmas week.

PITTSFIELD, MASS.—A decrease of one quarter in business with prices the same as last year marked Christmas trade here, according to John White. Scarlet carnations were the favorite cut flowers, and plants of all sorts were in increased demand. Holly did not sell readily, owing to its poor quality. Bulbous stock was plentiful but not popular.

PEORIA, ILL.—A business that was ten per cent better than last year, with prices thirty-five to fifty per cent higher is reported by J. C. Murray. Stock was short and the quality of the roses could have been better. There was a marked increase in the call for plants, ascribed by Mr. Murray to the high price of cut flowers. The weather was warm and good holly scarce. Bulbous stock was in good supply but poor demand.

HAMILTON, O.—The demand for cut flowers was greater than last year and prices were the same. Stock was short, particularly violets. Paper white narcissi were the only popular bulbous flowers. Roses were not as good as last

year. Azaleas, poinsettias, begonias, narcissi and ferns in pots sold well. Holly was not as good as last year. If the weather had been good the demand for pot plants would have broken the record, say J. Lodder & Sons.

DENISON, TEX.—A substantial increase in business over last year is attributed by the Munson Greenhouses to education, the result of greenhouses being es-

flowering and decorative plants were used to decorate the store for the occasion, a pretty effect being produced with bells, lights, holly, etc. Some original basket plant arrangements were noted which went for fancy prices. Camellia plants done up in fancy covered pots were among the new things to be seen in the retail market, and Fleischman seemed to have the most of them. Violets held

and poinsettias were the favorites. Cut flowers, including violets, were in good demand, but the bulk of interest centered around the plants, which are each year increasing in favor.

P. J. HAUSWIRTH.—Here everything was bustle. The cut flower end of Mr. Hauswirth's business was the heaviest, and many orders for American Beauty roses were filled. The store was decorated in tasty Christmas style—berries being used in festoons on electric light chandeliers and ceiling. Some dainty plant arrangements were noted, azaleas, aucubas, etc., being used effectively.

A. LANGE.—There was little time here for anything but business, and Saturday found an unbroken procession of buyers moving up and down the stairs at his store, on the corner of State and Monroe streets. The most notable feature of Mr. Lange's Christmas specialties was a large number of made-up plant baskets, hampers and pots covered with fancy crimped paper. His hampers, containing violets, valley and miscellaneous decorative plants, were marvels of originality and were great temptations to the buyer who came in for the purpose of leaving a cut flower order. The display windows were arranged in a novel manner. The shades were vari-colored in harmony with the particular flower or plant in that window. The cut flower business was unusually heavy and the comparatively high prices for the fancy grades did not have the effect of deterring the hungry flower seekers.

JOHN MANGEL.—Preparations for a heavy holiday business were made by Mr. Mangel with studied care for the more and more exacting demands of the flower buying public, and he had the satisfaction of looking back Saturday evening over one of the best Christmas weeks in years in point of total sales, demand, prices and general satisfaction. All of the floor space of the main store and the extra room on the second floor of the building he occupies at the corner of Wabash avenue and Monroe street was utilized for the large display of good things. As with most of the other retailers this year, one of his strong specialties was fancy basket plant arrangements. One of the prettiest things seen this year was a box filled with fancy cut lily of the



ADIANTUM CROWEANUM.
(See Florists' Ferns, page 941.)

established where formerly there were none. The call was heavy for carnations and roses while stock was very short. A large stock of callas, narcissi and hyacinths in fine condition could only be sold after carnations were exhausted. Azaleas led the plants in popularity, there being little demand for palms and ferns.

MANSFIELD, O.—A ten per cent increase in business, with better prices than last year, are noted by the Bero Floral Company. Roses were plentiful enough, but carnations and violets were short. The demand and supply of bulbous flowers were both fair, and the quality of other flowers was better than last year. Carnations were the favorites, plants in greatly increased demand, with azaleas, cyclamens, Boston ferns, primulas and potted Roman hyacinths very popular.

up well here, as did American Beauty roses. Things were well cleaned up in all lines when closing time came.

O. J. FRIEDMAN.—The decorations at Friedman's store, corner of Michigan avenue and Van Buren street, were novel and attractive in the extreme. The east window was occupied by a miniature church edifice, the translucent windows throwing lights remarkably suggestive of the yuletide. Red peppers in pots furnished the floor decoration for the window. Inside was an array of made-up plant baskets, pans, boxes and pots, each piece having a feature not to be found in any other. Azaleas, aucubas

Christmas with the Chicago Retailers.

Friday witnessed the beginning of the Christmas rush with retail florists. It is not until the holiday shopper has disposed of everything else, made the rounds of the department stores and made all other Christmas purchases that he or she thinks of the flower and plant end of the merry season, and it is not until a day or two before the holiday that the real rush begins with our retailers. A visit to the leading retailers on Saturday, the day before Christmas, found all hands literally submerged with work and from appearances, at any rate, it was gleaned that the holiday business was eminently satisfactory.

FLEISCHMAN.—Fleischman always does a heavy Christmas business, and this year was no exception to the rule. From the appearance of things Saturday afternoon, before Christmas, the store force as well as the plants and cut flowers available were taxed to their utmost capacity to meet the call. Greens and



HOUSE OF CIBOTIUM SCHIEDELI.
(See Florists' Ferns, page 941.)

valley tied with knots of chiffon and wide ribbon. Large handle baskets of crotons, cyclamens and azaleas with adiantum and asparagus were also good sellers. A brisk cut flower business is reported.

C. A. SAMUELSON.—The holiday season

almost everything designed to be sold had been either delivered or was down on the order book for Christmas delivery. The store bore a distinct holiday appearance, the poinsettias in flower, the red peppers, the boxes and baskets of plants, the greens, bells and balls, all told of the

New York Christmas Trade.

The experience of one is the experience of all in the New York florists' trade as regards the holiday business, in both wholesale and retail branches—a good business with good prices. Until Saturday, however, the situation looked serious to many of the old timers in wholesale cut flower circles, the sluggish movement of stock making the prospect of a glut anything but improbable. The wretched weather which prevailed for several days, and the heavy falls of snow prevented the plant men from making their deliveries as early as was desired, consequently it was well on to the middle of the week before the retailers could commence to handle their supplies and get them into salable shape. As was expected, the plant trade with the retailers was heavier than ever before at this season, and the cut flower departments of their businesses were practically relegated to obscurity until the demand for plants had been to a large extent met. Early on Saturday the condition changed, and the wholesalers and commission men were confronted with a demand which was extraordinary to say the least. Colored product was what was most wanted, and nobody had too much. American Beauty roses on Saturday evening in special grades went off easily at \$1 each, and Bridesmaids brought as high as 50 cents. It was the best of stock, however, and there was no "ringing" in the grading. Certainly, in the opinion of several commission men who make a specialty of these roses, the quality was the finest ever seen in the New York market. Carnations in the best fancy grades brought as high as \$3 per dozen, although it must be said the supply of this stock was limited. Other grades of fancies brought \$1.75 per dozen easily, and so on down the line. What at first seemed to be an avalanche of carnations cleaned out fairly well toward the finish, and on Sunday very little outside of the few whites of minor grades were to be had. There were large quan-



PAN OF FERNS AND OTHER FOLIAGE PLANTS.

(See Florists' Ferns, page 941.)

is made much of in this enterprising establishment. Preparations are going forward weeks in advance, when a force is put on the made-up plant baskets and arrangements, which specialties were handled this year in great profusion. Prices ranged from \$5 to \$30 for baskets and they did not hang fire long. The store was made attractive with the best pieces placed on the floors, tables and shelves and the windows were given over exclusively to greens, peppers, etc. Bells and balls were also in evidence. As each piece was sold it was tagged as such and shifted to the conservatory in the rear, where another fine display met the eye of the purchaser. A feature here was the profuse use of azaleas and primulas in the made-up plant boxes and baskets. Twig baskets, round, square and oblong were a popular thing and promise to take better as time goes on.

W. J. SMYTH.—At Michigan avenue and Thirty-first street was a busy place during the latter part of the week. The store was made attractive and suggestive of the season by the use of red bells in profusion and an artistic arrangement of plant baskets, greens, poinsettias, etc. Mr. Smyth reports a satisfactory business, especially in plants, both flowering and decorative. His customers are growing each year to like plants better as a holiday favor than cut flowers. In this line he showed some uniquely arranged baskets and pots of azaleas, cyclamens, poinsettias, etc.

ERNST WIENHOEBER FLORAL COMPANY.—The Christmas holidays will go down on the calendar this year as a marker if the business handled by this company during the last three days of last week is any criterion. The rush commenced Thursday and by Saturday evening

season which was at hand. The north side trade was very good this year and notwithstanding the immense popularity of plants, both flowering and decorative of all descriptions, the cut flower end was not slighted.



CYRTOMIUM FALCATUM.

(See Florists' Ferns, page 941.)

titles of lilies in evidence but they went off well at prices ranging to \$20 per hundred. Lily of the valley sold well, as it usually does at this season, prices being governed by the quality of the stock, which was in the main tip top. Gardenias were short in supply, and good blooms brought as high as \$1 each. Violets moved lively on Saturday night,

high. Rustic wells, bird's nests fashioned from pussy willows, tripods, hampers, market baskets, fancy baskets, Dutch sleds, and plant holders in almost every conceivable form filled with an interminable variety of combinations of plants, all found customers. Of the plants to be seen in these combinations the favorites seemed to be ericas, oranges, orchids,

PALMS AND FERNS.

Florists' Ferns.

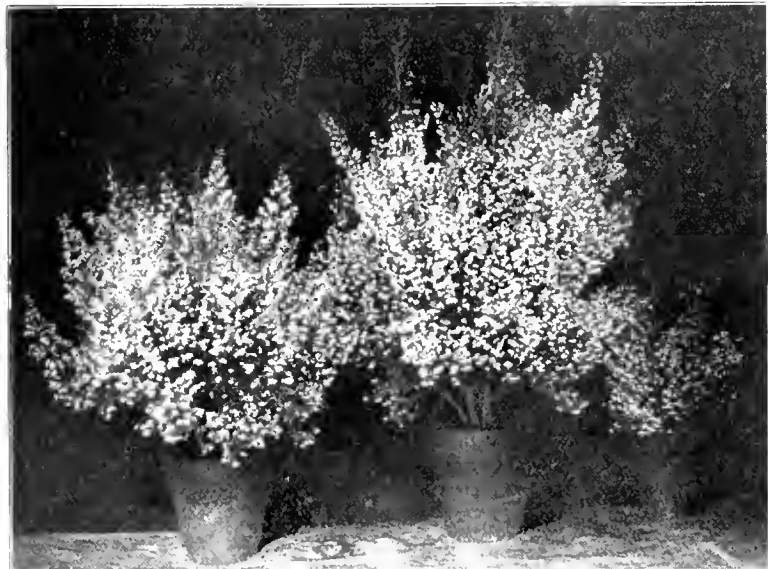
Read by David Lumsden before the Gardeners and Florists' Club, Boston, Mass., December 20 1904.



I know of no class of plants taken the year around which gives us so much pleasure and real enjoyment as ferns, and what class of plants can we find that will excel, nay even equal, the fern in grace, beauty and utility?

Ferns are now in greater demand than ever before, not only for greenhouse cultivation, dwelling house adornment, ferneries and other decorative purposes, but are also used with other flowering and decorative plants, and make many excellent combinations. Persons in every station of life are taking a great interest in ferns and are desirous of cultivating them. What gardener or florist have we present among us this evening that has not had these or similar questions asked him relative to ferns: "What is the best kind of a fern I can get to live in my house? I have steam heat or furnace heat, as the case may be, and want a fern that will grow. What variety can you recommend? What is the proper way to treat them?"

It is very true they are flowerless plants, nevertheless they are I may say everybody's favorite. In fact, through the whole of my experience in Europe as well as in America I have met no one who is not a fern lover, which goes far to prove the universality of ferns. I may here state ferns have a very wide geographical distribution and are found in almost every part of the world. They range from the tropics where they are found in greatest profusion to the arctic region as far north as Greenland. In some places they are found at the sea level, in other places they attain an altitude of several thousand feet. Some will grow only in hot climates, others only in cold, and in their native haunts we find some growing in dense shade, while others stand the scorching rays of a tropical sun. We find them growing by the side of winding streams and in crevices of rocks where we would think it impossible for them to get sufficient nutriment. Some varieties revel in such situations. Some are small, their fronds scarcely one-half inch in length, while others (tree ferns) attain a height of fifty feet. Therefore, among ferns we



ERICA MELANTHERA AS GROWN FOR CHRISTMAS BY LOUIS DUPUY, WHITESTONE, N. Y.—See page 944.

\$2 per hundred being about the top price. Quite a few late chrysanthemums were to be seen, but they did not catch the popular fancy and their movement was slow. Smilax and asparagus were in plenty but were not good sellers, and a good deal was left over.

Retailers report an enormous business in plants and made up baskets. What were considered a sample stocks melted away as if by magic. Azaleas of course formed the bulk of the stocks, and sold as well as ever. Ardisias appeared to excite considerable interest and good specimens of ordinary size brought as high as \$8 each. In fancy lines the variety offered seemed to be without end, and the assortment ran from Begonia Gloire de Lorraine in wooden sabots to a basket of kentias and oranges seven feet

primulas, ardisias, poinsettias, dracenas, araucarias, Lorraine and other begonias, longiflorum and rubrum lilies, azaleas, cyclamens, ivies, holly and mistletoe. Scottii and Boston ferns were also largely in use. Many very fine arrangements of orchids were to be seen, Cattleya Percivaliana most prominent.

The green goods men all had a good season. The demand for superior grades of holly was big, but the supply was very limited. Inferior grades moved fairly well, but taken all in all the quality of the holly this year was very poor, foliage brown in tint and lightly berried.

Summed up, it would seem that the Christmas demand for plants is larger than ever; and that the cut flower trade has lost none of its prestige from the standpoint of staples.



PARTIAL VIEW OF LOUIS DUPUY'S ESTABLISHMENT, WHITESTONE, N. Y. See page 944.

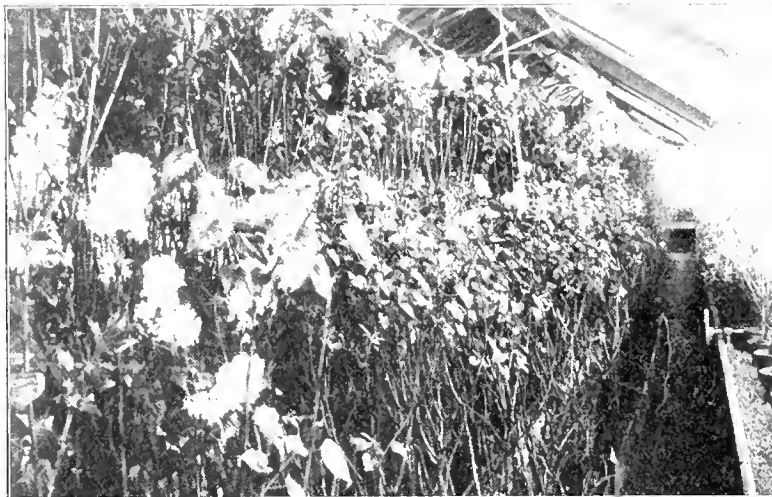
find every conceivable kind of growth and great diversity of habit and requirements. Notwithstanding all this, no other plants are so easily managed in cultivation as ferns.

While it is considered necessary to have a knowledge of the various species in order to excel in their cultivation, yet the whole family can be satisfactorily culti-

of much importance, as the value of leaf mould is acknowledged by our leading growers. Clean, sharp river sand is the best we can use to keep the compost open and admit the passage of surplus water freely through the soil. Charcoal is very valuable, broken small, and can be freely mixed with the compost for some varieties of ferns. It is also a valuable agency

formed on the rhizomes and some are propagated from spores, which is certainly the most interesting form of propagation. The spores vary in the different species. Some we find arranged along the edge of the frond; in other species they are spread all over the surface, while in still others they form large patches on certain parts of the frond. Some of the clusters are covered with what we would call a very thin membrane, which gradually lifts as the spores ripen, and often shrivels or falls off. In some species the spores are not covered at all, being a pale green in their infancy and as they advance to maturity some become brown, some black, others green, according to the species. When the covering shows signs of beginning to lift it is an indication the spore case is almost ripe. The fronds bearing the spores can then be gathered, wrapped in paper and dried by hanging up in any warm dry place where there is no danger of water reaching them. In the course of a few days, when sufficiently dry, they are rubbed through a very fine wire sieve, separating the fronds and a portion of the chaff from the spores, which are then ready for sowing.

After experimenting in various ways with the sowing of spores I find the most satisfactory results are obtained by using 5-inch or 6-inch pots. They should be filled to within one inch of the top with drainage consisting of small crocks, cinders or charcoal. The pot is now ready to receive the soil, which must be loam—without manure—screened fine and thoroughly sterilized either by baking over a fire or passing steam through it, until all forms of vegetable and insect life have been destroyed. After filling the pots with the compost, be careful to make the surface perfectly level, the pots water thoroughly and allow to stand an hour or so before sowing the spores. Care must be used when sowing to select a place free from draughts, as the spores are so fine the least breeze will scatter them in every direction.



HOUSE OF LILACS AT LOUIS DUPUY'S, WHITESTONE, N. Y., DECEMBER,
(See page 944.)

vated by careful attention to a few rules: First, the right kind of soil to use; second, a certain temperature must be maintained winter and summer; third, a moist atmosphere free from draughts; fourth, abundance of light, at the same time protection from the scorching rays of the sun during the summer months. We find most tropical ferns are evergreen, that is to say, they retain their foliage until new foliage is produced the following season, and some varieties retain their foliage for a number of years. Very few of the tropical varieties are deciduous, while among the species from colder climates we find the deciduous varieties predominate. The great mistake made by a novice is when ferns, having lost their foliage, are placed on their sides or put away in some corner of the greenhouse unseen and forgotten, and then left for weeks without water. The chances are the roots are injured, and if the plants are not killed outright it is impossible for them to make such vigorous growths the following season as they would if they had been kept continually damp. Those that have lost their foliage must be supplied with sufficient water to keep them moist while resting.

The right kind of soil to use for fern cultivation is fibrous loam, and to obtain it grass sods should be taken from the field, stacked up grass side down, layer upon layer and left to stand a year or longer. By that time it will be found the roots of the grass are dead. Care should be taken in cutting the sods from the field that they are about three or not more than four inches deep, as the fibrous part of the loam is the portion we require. Leaf mould, very useful in fern culture, is made from leaves collected during the fall and allowed to lie in large heaps for a season or two, until they are entirely decomposed, or it may be collected from the woods, where the leaves fall annually and decay, forming nature's fern garden. At one time the idea was prevalent that ferns could not be grown without peat in the compost. This is entirely erroneous, as by experience we find that peat is not

placed on the tops of the crocks, as it tends to insure good drainage and keep the soil pure and in growing condition. A great many persons have the idea ferns need a dense shade to grow in. This is erroneous, as most ferns like abundance of light, and our fern ranges are better from the beginning of November to the early part of March without any shade.

There are various methods of propagating ferns. Some are propagated from tubercles on the roots, some from bulbils



MARGUERITE AS GROWN FOR CHRISTMAS BY LOUIS DUPUY, WHITESTONE, N. Y.
(See page 944.)

After sowing place the pots in a shady place in the greenhouse and cover with glass. This glass covering should be kept on continually to prevent other spores getting in and to keep a humid atmosphere about the spores. This assists germination and a dry atmosphere is detrimental to it. We then place the pots in saucers containing water which rises up and keeps the compost moist. If any of the pots are found to be drying out they must by no means be watered overhead, but placed in a pail of water so that it soaks up and saturates the whole compost. Overhead watering will disturb the spores and in all instances wash them out of their places. It is an old axiom in human life that cleanliness is next to godliness, and in plant life it is equally true, especially among seedling ferns, for they speedily rebel under unclean conditions.

The warm or exotic ferns germinate best in a temperature of say about 65°, the cooler or hardy ferns in a much lower temperature. The first sign of growth appears in a faint coloring of green on the soil which will rapidly cover the whole surface. At the first indication of the spores making tiny fronds, they should be separated in small patches and planted in other pots or flats containing fern compost. Overhead watering may now be indulged in, but use a very fine rose on your watering pot. Keep the little ferns under glass for a time longer and give more light. They will soon need dividing again, and presently when large enough to handle they may be placed in 2-inch or 2½-inch pots. There is mystery attached to raising ferns from spores and it is no uncommon occurrence for a totally different kind to appear than the one which has been sown. We find, when the utmost care has been taken in collecting and saving the spores, that several kinds may appear in the same pots. It is reasonable to suppose the spores in the fern house are being constantly wafted about by currents of air and readily attach themselves to fronds of other species. They are then collected and after sowing, of course, mixed plants may result.

As I have previously stated, there is an increasing demand for ferns in this country, especially in varieties suitable for jardiniere work. In fact, the demand is far in excess of the supply, although I may say millions of ferns are raised annually throughout the country. We find our old favorite *Nephrolepis Bostoniensis* is still in great demand, with the new and beautiful variety *N. Piersoni* elegantissima, or ornamental Boston fern, and *N. Scottii*, a wonderfully dense and compact growing variety, making an excellent house plant, and a beautiful centerpiece for a table when grown in the shallow pots. In my humble opinion this excellent fern has a great future before it.

I shall now enumerate a few varieties of ferns suitable for filling jardinières, of which the pteris family forms the leading feature; in fact, the pteris family for such work is indispensable. Among the best kinds may be mentioned *P. adiantoides*, a deep green and glossy fern, the variety *argyrea*, a showy green and white variety, a native of the East Indies, *P. Cretica* and its varieties *albo-lineata*, *magnifica* and *Mayii*, *P. serrulata* and its varieties *cristata*, *cristata compacta* and *densa*, all natives of the tropics, *P. tremula*, a New Zealand fern, quick grower and makes a nice pot plant—with the crested variety *Smithiana*, and *P. Chinensis*. *Aspidium Tsussimense*, commonly known in this city as *A. Tensemense*, is a general favorite on account of its good keeping



EPIPHYLLUM TRUNCATUM AT LOUIS DUPUY'S, WHITESTONE, N. Y.

(See next page.)

qualities, but is somewhat slow of growth.

Cyrtomium falcatum, the holly fern, a beautiful fern always in demand, and like the preceding aspidiums, a native of Japan. *Lastrea opaca* and *L. chrysoloba*, the former from China and the latter from Brazil, *L. aristata variegata*, a dense green fern with yellow stripes on the fronds; *Onychium Japonicum*, or parsley fern, and *Polystichum coriaceum*, a South African fern—makes a nice specimen when well grown—are useful. *Cibotium Schiedei* is a beautiful graceful fern much in demand by the leading decorators throughout the country, making a beautiful house plant. Stock of this is always scarce and difficult to obtain. *Dennstaedtia cicutaria tenera* is a very showy fern and a native of tropical America.

In adiantums we have first to mention *A. cuneatum*, *A. decorum* and *A. gracillimum*, the latter in demand on account of its light and graceful appearance, also *A. Croweanum*, the new maidenhair, which, owing to its strong, vigorous growth and long stems will become a general favorite with the trade where marketing the fronds is a feature, as well as in private places, where cut maidenhair is

always used. *A. Farleyense*, the queen of the maidenhair family, is now grown in quantity by the trade, both as a pot plant or for cut fronds wherever first-class decoration is a feature. *Alsophila Australis*, a fern frequently asked for, is very desirable on account of its stately appearance, together with *Dicksonia Antarctica*, both of which are Australian ferns.

The davallias are also an interesting family and *D. bullata*, or squirrel foot's fern, is being sold in large quantities when made up in fern balls and various other shapes as received from Japan. *D. Canariensis* makes a good pot fern and readily develops into a nice specimen; *D. Fijiensis* and its varieties *plumosa* and *major* are also desirable ferns to cultivate. *Platycerium*, or stag's horn ferns, are always interesting on account of their curious shaped fronds, resembling a stag's horn. *P. alcornae majus* is a free growing variety, and *P. grande*, a fine species, but somewhat scarce.

In taking survey of the ferns I have mentioned we find we owe a great deal to Japan for her part of the fern flora, as a great many of our most beautiful species are natives of that country. There are thousands of other varieties of

most beautiful ferns that time will not permit me to talk about. Suffice to say the varieties mentioned in my paper are the most popular from a commercial point of view, and as ferns increase in demand day by day let us each do our own part to make them more and more interesting to fern lovers, so that it can be truly said of each of us as by Twamley when he wrote:

The green and graceful fern,
How beautiful it is;
There is not a leaf in all the land,
So wonderful, I wis.

Have ye ever watched it budding,
With each stem and leaf wrapt small,
Coiled up within each other
Like a round and hairy ball?

Have ye watched that ball unfolding,
Each closely nestling curl,
Its fair and feathery leaflets
Their spreading forms unfurl?

O, then most gracefully they wave,
In the forest like a sea;
And dear as they are beautiful
Are these few leaves to me.

WITH THE GROWERS

Louis Dupuy, Whitestone, L. I.

A correspondent in a recent issue noted briefly a visit to the establishment of Louis Dupuy at Whitestone, L. I., under the title "A Day in Greater New York." Under his programme for the day it is not to be wondered at that a more lengthy description of Mr. Dupuy's work was not given.

A visitor is easily attracted by the great showing of *Acacia dealbata* made at this place. Some of it was in flower for the holiday trade, and the dainty little yellow blossoms with the wattled foliage would seem to make the plant particularly desirable for decorative purposes.

Marguerites, which are a favorite specialty with Mr. Dupuy, are to be seen at their best just now, many specimen plants measuring five feet across. Beside filling a demand for marguerites in plant form the establishment sends out daily a large quantity of the cut flowers.

Prunus triloba fl. pl. is another attractive plant which Mr. Dupuy has brought along very successfully for the holiday trade. Some beautiful specimens are to be seen, and their snow white blossoms and scanty foliage seem to bring them into absolute harmony with the season.

Epiphyllum truncatum is another specialty, and it is now seen to advantage in flower. The plants are formed by grafting on *pereskia* stems two to four feet high, and are quite graceful in appearance.

The lilacs, however, are the greatest attraction in the houses at the present time. The center of one of the houses is used for them and they are planted twice a week for succession. Mr. Dupuy brings the plants into flower in from sixteen to eighteen days, consequently there is no dearth of blooms during the season. See illustrations, pages 941, 942 and 943.

J. A. Budlong & Sons Co., Providence, R. I.

J. A. Budlong & Sons Company at their large greenhouse plant here are growing 50,000 to 80,000 roses and as many carnations, the cut of which is sent mainly to Boston. They will increase the proportion of roses next year because they have paid better. They are building another long house to be used largely for young stock.

Bride and Bridesmaid are their main reliance. They grow *Liberty* finely, how-

ever. The present show of young growth and bloom is remarkable. Sunrise, though not unprofitable, they will discard, also Uncle John and grow instead more *Chatenay* and *Golden Gate*. They expect to put in some *Kaiserin* for summer cutting.

In carnations they depend on *Lawson*, *Enchantress* and *Boston Market*. Fair Maid has paid but will not be grown next year. They have a good red sport of *Lawson* to which they will give more room as it brings 1 cent a flower more in Boston than *Lawson* does. They also have a fancy pink sport of *Lawson*.

Begonia Gloire de Lorraine.

[Paper read by Isaac H. Moss before the Florists' and Gardeners' Club of Baltimore.]

MR. PRESIDENT AND MEMBERS OF THE FLORISTS' AND GARDENERS' CLUB:—When asked to tell of our method of growing *Begonia Gloire de Lorraine* I was under the impression that I was only expected to give in a few words my experience in the culture of this plant. But on receipt of the notice of this meeting I find that it says there will be an essay by me. Now, what few remarks I may make on the subject can hardly be termed an essay, but I will try to give the club the benefit of my experience with this plant.

Begonia Gloire de Lorraine is a hybrid which was raised some years ago. It is a member of a very large family of which there are several hundred species, about 150 of which are in cultivation. I believe as a winter flowering variety there is no sort that can excel *Lorraine*. This variety is propagated exclusively by cutting off the young growth, also from mature leaves, as it does not produce seed, at least I have not known it to do so in my experience, for with very few exceptions all the flowers are male or staminate in sex and the stamen produces very little pollen, which in some measure accounts for its wonderful blooming qualities. I believe, without a doubt, it is one of the freest winter blooming plants known to the trade, and it can very readily be brought to perfection at Christmas, which should be a good point in its favor, for at this time of the year our list of pot grown

plants in bloom is very limited indeed, it being too early to successfully force azaleas, rhododendrons, lilacs, etc. Only cyclamens, poinsettias, primulas and one or two others, can be brought to perfection for Christmas. *Lorraine*, therefore, should be a plant that every grower should have in stock. Although I must say there does not seem to be a large demand for it in this market I have heard that in other cities all the stock in sight had been ordered for the holiday season. This plant is fit only for local trade, because of its perishable nature, which makes it unsuitable for shipping.

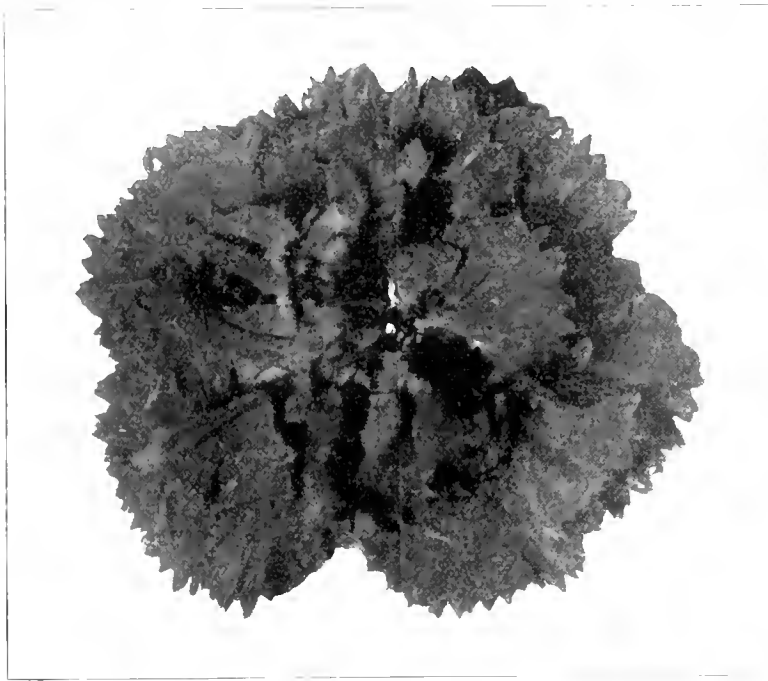
In reference to culture I can only give my own experience. It is said that all plant life needs a season of rest at some period of the year. After the plants have had a rest for two months or so they are shaken out and repotted in a good rich soil with the addition of leaf mould and sand, enough of the latter to lighten it well. Each pot should be carefully drained, even in the smaller sizes. This is most important. This repotting must be done about April 1. Then in May or June it is possible to get the first crop of cuttings. Put the stock plants on a bench which contains about two inches of fine, sharp sand; leave room between the rows of pots for a row of cuttings; put a light shade on the glass and ventilate freely. I find that in propagating them this way I lose few by fungus.

After these cuttings are rooted pot them in 2-inch pots and watch closely for a few days until they start. Shift as soon as the roots show through and continue shifting until you reach a 5-inch or 6-inch pot. Keep them pinched as you shift. The growth that you pinch can be rooted easily and will make 2½-inch and 3-inch pot plants for table pieces and baskets.

Cuttings struck in June should be in 6-inch pots by October 1. Be careful to give them plenty of room and keep them well tied up. The temperature after October should be about 60° at night. In growing them in this way I have been very successful.



THE ELLISON FLORAL COMPANY'S STORE, ST. LOUIS, MO., CHRISTMAS, 1904.



CARNATION RED SPORT.
(A fair sample bloom.)

THE CARNATION.

AN English horticultural journal recently illustrated the carnation Lizzie McGowan, a great favorite here some years ago but now generally discarded.

MELODY, a light pink sport of Mrs. Lawson, which originated with the W. C. Hill Floral Company, of Streator, Ill., will be sent out by the J. D. Thompson Carnation Company in 1905.

Carnation Red Sport.

The new scarlet carnation, Red Sport, which will be disseminated in 1905 by A. B. Davis & Son, Purcellville, Va., is a sport of Gen. Maceo and originated four years ago in the Davis greenhouses. The original plant, when first noticed, bore one bloom one half of which was the dark red of Maceo, the other half a brilliant scarlet. Cuttings were taken and the work of reproduction has been carried on until by next March it is estimated that a stock of over 150,000 plants will be on hand. In foliage Red Sport is much the same as Maceo, but apparently stronger. It is free from diseases, grows fast and is a free bloomer. While not heralded as a fancy, the blooms of Red Sport are large enough to give it a high place among commercial carnations, being on an average of from two and one-half to three inches in diameter.

A bed of this variety in the Davis greenhouses, planted from pots late in June last, has for some weeks been producing large quantities of fine blooms. Another strong point in its favor, that it is flowering well before and during the Christmas season when good scarlets are in great demand. S. E.

Housing Carnations.

ED. AM. FLORIST:—As a general rule at what distance apart should carnation plants be planted under glass and how

wide a bench is used in large houses? Do the pipes for support run outside the benches or inside? G. V. P.

Carnations are usually planted about ten inches apart each way, sometimes a little closer across the bench to get in an extra row according to the width of the bench. The benches in large houses vary a great deal in width. It depends on how wide the house is, the main object being to utilize as much of the space as possible for benches, allowing just enough room for walks to properly care for the stock. Consequently the benches in a house are not all of the same width. It is not good policy to have a bench too wide as it is then a difficult matter to

care for the plants. Better by far put in three 4-foot benches than two six feet wide. I like a bench five feet wide. It is easy to work providing it is built so as to be got at from both sides. If the question of pipes for support alludes to the supports of the roof it is best if possible to run them just outside the edges of the bench, but if this cannot be done conveniently then slip a drain tile on a short piece of 2-inch pipe on the supports before putting them in their place. Slide these to the place where the bench is to be, then stuff with cement to hold them there. By doing this you can have the supports run down through the bench if necessity demands. C. W. JOHNSON.

Connecticut Horticultural Society.

At the annual meeting of the Connecticut Horticultural Society held at the county building in Hartford, December 14, the members elected the late Hon. Robert Coit of New London as one of the vice-presidents. Mr. Coit had filled this office for many years previous to his death, which was evidently overlooked by the members of the association. The other officers elected were as follows:

President, A. C. Sternberg; vice-presidents, Theodore Wirth, of Hartford county; J. X. Amrhy, of New Haven county; D. A. Lyman, of Windham county; Edward Hoyt, of Fairfield county; T. S. Gold, of Litchfield county; O. A. Leonard, of Tolland county; treasurer, W. W. Hunt; secretary, L. H. Mead; statistician, G. A. Parker; librarian, L. H. Mead; pomologist, A. C. Sternberg; professor of vegetable physiology, G. A. Parker; executive committee, A. C. Sternberg, A. W. Driggs, John Coombs, C. M. Rodgers, F. W. Davis, J. F. Huss and Everett S. Geer.

RACINE, WIS.—John Burgoise, of North Chatham street, left December 22 for the island of Guernsey, Europe, called away by his father's death.

PARIS, TEX.—M. Robinius will add 2,000 feet of glass to his establishment in 1905. Hereports a good demand for roses and carnations.



VASE OF CARNATION RED SPORT

THE RETAIL TRADE

Do it right—on time.

WHAT may the weather be?—pack accordingly.

IN what line did your competitor out-sell you? Where did he get it?

DON'T promise too much, but do as well or better than you promise.

THE time you first talk to your customer is the time to get the order straight.

ROOM AT THE TOP.—A florist over fifty miles from New York finds it profitable to send a daily messenger there to deliver flowers and plants for high grade retail customers. He kept several wagons busy Christmas week.

FRESH seasonable display, spick and span neatness, unfailing courtesy, system in booking orders, accuracy in deliveries, all details tastefully carried out, prompt, careful billing—these spell success to the retail flower store in the little town as well as the big city, by winning and holding the customers who can pay for what they want.

Some Chicago Christmas Designs.

That plants and plant arrangements are each year taking a stronger hold on the flower buying public, especially at the holiday season, was this year emphasized with great force in the Chicago retail trade. Every retailer had something to offer which had some elements of originality, novelty and merit. Baskets, hampers and boxes in almost infinite shape and variety were offered at prices ranging from \$5 to \$35 each. In their make-up were used a profusion of bright colored azaleas, cyclamens, primulas, begonias, poinsettias, greens, ferns, peppers, anything that will lend itself to seasonable and harmonious arrangement. A novelty this year which was greeted with much favor is the twig basket, constructed in the majority of cases in circular or oblong shape. Hampers, too, and large handled baskets and Russian boxes held their own.

Herewith are presented a number of illustrations showing some of the newer meritorious arrangements offered this season. Number 1 is a trio of baskets offered by John Mangel. They are, of course, designed to sell separately, but Mr. Mangel stated that a popular purchase was a pair of the two end baskets. The basket to the left carries in its center a fine specimen croton. Good heaths (ericas) and Boston ferns are effectively used as filling. The center basket is made of birch bark, with Dutch handle. Pandanus Veitchii in the center is surrounded by heaths, Primula obconica and small pterises. The large basket to the right carries primroses and a few well placed sprays of Asparagus plumosus.

Number 2 shows a twig hamper full of good things, offered by C. Samuelson. This piece proved one of the most popular of a large and varied assortment seen at this place. A small cocos as a background, with white azaleas, Primula obconica and cyclamens, is nicely set off by a dash of Asparagus plumosus here and there. A white chiffon bow at one corner gives a bright touch to the whole.

Number 3 is another subject seen at Samuelson's. An oblong basket, spattered irregularly with selaginella, is filled as its principal feature, with a magnificent plant of the new red Azalea Hexe. The handle of the basket is entirely sub-

merged with the wealth of bloom. Pandanus Veitchii and Asparagus plumosus are distributed through the arrangement and bows of pink and yellow ribbon and chiffon give the whole a quaint final touch.

New York.

Christmas trade of 1904 in New York was good, that is there was a good movement of all the stock arriving, and the day after the festival, Monday, saw the ice-boxes of the commission men with more room than has been the case for some time past. From the early part of the week up to the beginning of the Christmas business the market remained normal under conditions already reported. Supplies were still limited owing to the continued dull weather conditions and the shadow of the coming festival. The Christmas trade proper opened on Saturday without any more than the usual hustle incident to such an occasion. There were flowers of all kinds in plenty, but not in such huge quantities as to cause a depression of values. The dark weather had worked its result and the supply had suffered. As a consequence the market took arrivals in good form, and at the close of the day there was a real activity, and during the night the wholesalers cleaned out all that had been on hand. Carnations were the slowest article, especially white varieties. These were hard to move at anything like reasonable figures. Other colors went off at least at moderate prices, but not at advances over the average for the rest of the week. The roses, on the other hand, took a leap into favor and dollar Beauties were in the field once more. In some rare cases, indeed, we hear of still better figures than that, but for the regular Christmas sale the even dollar was the figure realized on without any trouble seemingly. At least one lot of special Liberty was sold at that figure. This latter rose was good property. It is of all the Christmas flowers the one that has the real Christmas color, and it sold easily in all grades. Other varieties of roses followed the advance of those leaders and prices strengthened throughout. Violets were about normal; they sold out but did not as a general rule realize more over the holiday term than they had done earlier in the week. White flowers generally were not wanted, and they were heavy on the wholesalers' hands, a fair quantity of these being carried over to the next week. The

demand was for red roses, red carnations first, pink second, and after that the other hues may be included among the "also rans."

The plant trade, which has constantly increased in volume year after year, was bigger than ever. Ardisias, ericas, oranges, azaleas, with the usual run of green foliage plants, were the favorites. Begonia Gloire de Lorraine was abundant and was welcomed for certain occasions. It is not, however, a universal plant. The Scott fern was an easy seller on account of its fullness. Poinsettias took the fancy as usual and were perhaps more plentiful than before. Camellias were among the newer favorites—or rather among the revivals. Azaleas were a trifle more than needed by the trade, and a goodly stock is seen on hand at the opening of the present week.

Holly and mistletoe went along well up to Saturday night, but sales were curtailed by a heavy fall of snow during the afternoon.

NOTES.

Herman Schoedel, of Union Hill, N. J., had an unpleasant experience the other day. He has a trade in the northern part of New York, and uses a wagon in making his deliveries. To keep his flowers from freezing he has an oil stove in the wagon, and the bottom of the wagon is littered with straw. On the day in question, while making the return trip, the wagon took fire from the stove. On discovery of the fire Herman flung the oil stove from the wagon, but in some way the horse got the impact of the stove and immediately stampeded. The wagon became a mass of flames and driver and horse, after a mad race, were rescued by mounted police. A fire alarm was turned in, but when the department responded the wagon was in ashes and driver and horse had disappeared.

Hant Brothers, the Madison avenue florists, for the holidays opened a branch store opposite their place, which they used mainly as shipping quarters.

Julius Roehrs continues to improve and is believed to be now out of danger. It will be some time, however, before he will be seen around.

Joseph S. Fenrich handled during the holiday some good shipments of Bride and Bridesmaid roses, stems fully three feet long.

Please notice that the eastern office of the AMERICAN FLORIST is now located at 429 Sixth avenue, New York.



SOME CHICAGO CHRISTMAS DESIGNS.—No. 1.

Chicago.

Chicago dealers, both wholesale and retail, are unanimous in pronouncing the Christmas week trade as satisfactory in the extreme. It was a remarkable season in many respects. While some of the wholesalers maintain that the volume of business handled was not up to the best

of the holly available by Friday evening and on Saturday had to send out for several cases, paying as high as \$8 per case for it. Christmas bells and balls also seemed more popular than last year. This week the market continues stiff and Christmas prices have not dropped to any extent. The extremely cold weather

We have it from a prominent wholesale dealer in Christmas trees that the local market in this line was one of the slowest on record. The demand was not as spry as last year and to make matters worse, there were cut and shipped to this market about twice as many trees as were needed. Prices ruled fifty per cent lower than Christmas 1903, and ranged from \$15 per 100 down as low as \$1 per load of 300 trees. Our informant states that the prices obtained this year will just about cover the freight.

James Andrews, of Peter Reinberg's shipping department, was a victim of the high wind at the Masonic Temple corner Wednesday. He was thrown against a wagon in the street and severely bruised about the face.

E. F. Winterson Company had a decided novelty for Christmas in the shape of 1000 asters in assorted colors. It is needless to say that they went at a rapid-fire rate.

The George Witthold Company had a remarkably fine line of flowering and decorative plants for Christmas. Louis Witthold reports an ever increasing demand.

The committee meeting Thursday night at the Union outlined plans for the coming meeting of the American Carnation Society. President Rudd was the only absentee.

Everyone in the Flower Growers' Market is one smile these days. Their stock cleaned out early and their customers were uniformly well pleased.

Weiland & Risch report a heavy shipping trade. Their tea rose stock, especially Bridesmaid, were of exceptional fine Christmas quality.

Stray lots of Tennessee holly arrived Friday and Saturday. Selected cases sold readily at from \$6 to \$8 per case.

A. L. Randall Company is handling an improved line of mignonette, which is proving popular after-holiday stock.

Friday's rain was opportune for brightening the foliage of many cases of holly exposed in front of flower stores.

Manager Percy Jones, of the Market, predicts a heavy season now until Easter, with consistent winter prices.

J. B. Deamud handled many extra large poinsettia plants for the holidays.



SOME CHICAGO CHRISTMAS DESIGNS.—No. 2.

Christmas weeks in recent years, yet the prices obtained and the general satisfaction and healthy tone of the market in all lines made up for this. The weather was ideal the last two days of the week for shipments and local delivery. On Friday, however, the temperature was a little too high for the best interests of the grower and commission man alike. Carnations, especially, softened and when the time came for handing them over to the customers, the blooms were wont to go asleep. The quality of all stock, however, was of a high order and few complaints have been registered. Roses were in good quality and many more of the better grades could have been disposed of. All of the extra select grades in both American Beauty and teas were snapped up without hesitation. Liberty was extremely scarce. Beauty ranged from \$12 per dozen for the best to \$2 and \$3 for short stems. As usual red carnations were much sought and they proved a shortage. Violets sold well, better than was anticipated. Heavy shipments were made from the east in anticipation of a run in this line but there was nothing sensational in the demand. Bulbous stock was plentiful but did not prove much of a factor. Plant sales were remarkably heavy and anything in flower was readily taken off the dealers' hands. Decorative plants also were in great favor. Azaleas, cyclamens, poinsettias and Begonia Gloire de Lorraine were staples which were moved with extreme ease at prices slightly better than 1903 quotations. Retailers report a greatly increased demand for plants and made-up baskets and arrangements were especially in demand. Greens, wreaths, holly, loose and in wreaths, wild smilax, bouquet green and mistletoe cleaned up in record time. One house closed out all

makes long distance shipping precarious, but few frozen shipments are being reported.

The violet market broke at the end of the week and stock that had been booked early at \$2 sold at \$1.50 and lower. The American Beauty crop was a big one and earlier prices eased off at the close. The retail trade took them freely when prices were not extravagant. Violets came next in demand. Red carnations continue scarce. Liberty roses were and are in strong demand and scarce.



SOME CHICAGO CHRISTMAS DESIGNS.—No. 3.

John Thorpe has been on the sick list with pneumonia the past two weeks, but is now improving.

The annual meeting of the stockholders of the Flower Growers' Association will be held January 3.

Poehlmann's prize winning American Beauty roses were a feature of the local holiday market.

Sinner Brother's Lawson carnations were uniformly of fancy grade.

J. A. Budlong's roses hit the mark by coming into grand crop.

Philadelphia.

Christmas of 1904 is past, the bustle and the hurry is over. Everything moved off pleasantly until Saturday, which was a most miserable day for shippers and prevented the clean-up that the storekeepers so like to see. Toward evening hard freezing weather set in, which necessitated careful wrapping of all goods sent out and entailed a lot of extra work to insure their safe delivery. All kinds of green goods sold well. Holly was much in demand and was entirely sold out, it being impossible to get a case anywhere in town the Monday after. Laurel was also a scarce article, there not being enough to supply orders. The high price of roses and fancy carnations turned many buyers to the plants and baskets, which sold very well. The favorites seemed to be pans and baskets of poinsettias and baskets and hamper of assorted plants—dracenas, several together, in pans with ferns, azaleas, cyclamens, Buttercup primroses, begonias and Jerusalem cherries. Some begonias held well, while others tell badly and were useless. The light pink variety appears to be much the best. Heathers sold well and added an air of quality to the other stock. The Scott fern sold well; nice plants in 7-inch azalea pots brought \$5 easily when set before a customer. Perhaps the most popular cut flower was the Enchantress carnation, at least it easily held in in class and brought from \$2.50 to \$3 per dozen at retail. The growers, however, got themselves into trouble by their greed for large Christmas shipments, as about half of this variety sent in went into slumberland the next day. Twelve dollars per 100 is a high price for carnations of merit and for salted stock is simply prohibitive. Beauties seemed to all sell at \$15 per dozen for the specials. Fancy teas brought \$25 and Liberty \$50 per 100. Double violets sold up clean at \$2 per 100. Here again there was trouble, as flowers were left on the plants so long that they were rank and could not be sold if kept over night. Singles sold well at \$1 to \$1.50 per 100 and seemed fresher than the doubles. There were quantities of lily of the valley, some of it extra fine, that rapidly commanded \$6 per 100. Gardenias, what few there were, sold for 75 cents each. Bulbous stock brought \$2 to \$3. The wholesale men did a rushing business.

H. Michell did an immense business in green, handling holly by the hundreds of cases and laurel by the thousands of yards. He says his business is increasing largely each season. Holly with few exceptions was not as good as last season. The early snows made it difficult to get out of the woods and this caused a short supply.

The Leo Niesson Company say it was their best Christmas. They moved an immense amount of American Beauty, fancy teas and Liberty roses, also carnations in quantities.

The market people did well, Manager Meehan saying that everything was cleaned up nicely and that more special American Beauty roses could have been sold.

Wm. J. Muth, of the Philadelphia Cut Flower Company, said his firm was overwhelmed with orders, but managed to have all the customers supplied on time.

Berger Brothers were well pleased with their holiday business, having handled a large amount of choice stock.

Bernheimer was strong on carnations and sold out clean.

Miss Mary Parker Carning Craig, Robert Craig's youngest daughter, was married to John Franklin Graff, on Wednesday, December 14. Owing to the illness of the groom's father the event was very quiet. The ceremony was performed by the Rev. D. Patterson, who married the bride's parents. Mrs. Graff is very popular and has the best wishes of her many friends of the craft. K.

HORTICULTURAL SOCIETY.

At a meeting of the Pennsylvania Horticultural Society held during the evening of December 20, John Thatcher was awarded first premium for a magnificent specimen plant of *Cypripedium insigne*, Wm. Kleinheinz for tomatoes. Guttman & Weber had a vase of their new scarlet carnation Victory before the novelty committee, for which they were awarded a certificate of merit. It looks like a very promising commercial variety. It is a cross between Lawson and America. E. L.

Boston.

THE MARKET.

The Christmas rush experienced last week was more brisk than for the corresponding period of last year. One florist reported that his trade for the first four days of this week showed an increase of \$1,500 over the corresponding period of last year. This year there has been a shortage of all kinds of colored flowers, while whites of all varieties have been plentiful. The usual high prices have been obtained. American Beauty roses of the very best quality were selling at from \$75 to \$100 per 100, and some of the growers were asking as high as \$18 per dozen. The medium grade brought \$50 per 100, and the poorer ones were sold at \$6 to \$8 per 100. Bridesmaids sold at \$6 to \$8 per 100, the extras at \$12. Liberty advanced but little in price. The better quality of red roses were exceedingly scarce and the retailers report that they were unable to fill a good many orders. White carnations are plentiful, and although on Friday they brought \$4 to \$6 per 100 on Saturday the price had fallen off to \$2 and \$3. Other carnations, especially red and fancy varieties, brought \$6 to \$10, and some of the choicest \$15 per 100. Violets were being sold at \$2 and the supply was rather shorter than usual. Quite a number of chrysanthemums are to be seen, but they are of very poor quality and bring but small prices. The prevailing high prices of cut flowers caused many of the people to turn their attention to plants and there has been a ready sale for azaleas, poinsettias and begonias, Gloire de Lorraine in particular. The sale of poinsettias in this city has been phenomenal. Bulbous stock far exceeded the demand and much had to be held over until after Christmas. This applies in particular to hyacinths and Paper White narcissi. There is no demand here for lilies and they have been selling at the

usual price of \$1.50 per dozen. Paper White narcissi and stevia are bringing about \$2 per 100.

HOLLY AND GREEN.

The evergreen market this year has shown an advance in prices over those obtained last year, laurel and holly both showing an advance of more than 50 per cent. There has been a good demand for holly this year, although one of the leading wholesale houses reports that the demand for holly wreaths is slackening up each year, assigning as a reason the fact that some shippers have been using bird berries, which turn black in transit. The retail houses have been using the paper bells in large quantities for decorative purposes and balls and wreaths of boxwood have been used in much larger quantities than in previous years. The florists, both retail and wholesale, report that the volume of Christmas trade this year is in excess of that of any previous year.

NOTES.

W. Rosenthal, who has for a number of years conducted the store at 5 Bromfield street, under the name of the Boston Cut Flower Company, is to open his new store in the Washington building at 14 Bromfield street, on or about January 16. This new store will be much larger than the old quarters, there being in addition to the large store on the first floor, another in the basement of equal size. Mr. Rosenthal will carry on a retail business as heretofore.

M. B. Bunker, of City Hall avenue, introduced a novelty in the way of Christmas bells made from the grey scales of oak trees, with a hammer made of a red material, the whole giving a very pretty effect. He reports a shortage on roses and violets.

A. N. Pierson, of Cromwell, Conn., is now shipping to the George A. Sutherland Company, of this city. His lily of the valley is some of the best seen in Boston this year. His shipments also include roses and smilax.

One of the teams of Thomas Roland, of Nahant, while being driven to Boston last Thursday, caught fire from the heating apparatus and about \$100 damage was done before the fire could be put out.

During the Christmas rush Thomas F. Galvin has had a large automobile fitted up with a large box attached to the rear so that he could make a prompt delivery of orders.

Mrs. Sutherland, of Bromfield street, reports the sale of a large number of dracenas for the Christmas trade. She says that princess pine balls have also been selling well.

Edward MacMulkin's window for this week was a red effect, being made up principally of poinsettias and carnations, with laurel, violets and reddish apples added.

The flower markets enjoyed a profitable week. Practically everything was sold out in both places and good prices were obtainable.

Lester W. Mann, of Mann Brothers, Randolph, brought to the Boston Flower Market a large number of fine English holly trees.

The Rosary, the new store on Bromfield street, reports a heavy demand for Begonia Gloire de Lorraine and for azaleas.

A. H. Fewkes, of Newton Highlands, has been bringing in some of the best mignonette seen in the Boston market.

William Penn, of Bromfield street, has been selling a large number of cyclamens for the holiday season.

E. N. Peirce & Sons, of Waltham, brought in some fine azaleas the past week.
H. P. S.

Buffalo.

Saturday a decided fall in the temperature made it very hard to deliver plants for Christmas and no doubt many plants will have to be replaced. Trade in general was good and from inquiries among the stores all report an increase.

It is more noticeable each year that the demand for roses and cut flowers at Christmas is less and the sale of plants of all kinds increasing. This year tastily arranged baskets of poinsettias, begonias and ferns found ready sale at from \$5 to \$25. Immortelle wreaths sold well and the bells that were handled by the florists sold, as no department stores had them.

The east side florists did not handle as much holly and pine as usual, owing to the fact that the Lower Market had a lot shipped in late and all the groceries handled holly and wreaths at prices no florist could sell at.

W. F. Kasting had a big sale of greens and good roses and carnations. Other stock was in profusion but violets moved slowly with him.

R. M. Rebstock had a good sale on all stock as did C. D. Zimmerman. J. H. Rebstock reports a good business.

William Scott is improving slowly and all are anxious to have him at our next club meeting.

Palmer & Son had a big run on heathers and azaleas. Poinsettias held their own.

J. B. Wiese, who has a stand in the Chippewa market, reports a good trade.

S. A. Anderson had a big sale of poinsettias and Begonia Gloire de Lorraine.

Scott Company had their usual good Christmas trade.
Bison.

Baltimore.

It is too early at this writing to sum up the results of the Christmas trade at this point, but it is quite within confidence to tell that the weather for unrliness and untoward conditions previous to and during the two days of the festival has been of quite the worst brand dispensed by the weather bureau, the supply for nearly three weeks having alternated between mists and fogs, hale and sleet, snows and chilling rains, with the lapse of an hour or two once or twice into brief bursts of sunshine that tantalized the more by showing what a December day might be. Saturday, the great day of preparation, the time to which the average shopper put off his belated preparations, or the day, perhaps, when the spirit of the great festival of love and charity and true altruism only begins to fairly manifest itself, the blessed Christmas Eve, and Sunday and Monday both, one or the other being celebrated indifferently, as the taste or convenience of families dictated, were of the worst possible character, cold blasts of wind, chilling snows and slippery pavements, all combining to the discomfort of those whom business, pleasure or duty compelled to go on the street. Notwithstanding, there seems to have been a fairly good business done. Naturally flowers were scarce, but the demands were reasonably well supplied and towards nightfall on Saturday there came, as if from hidden sources, offers of unknown supplies, and violets and carnations, which in the morning were offering at 3 and 8 cents, respectively, dropped to 1 and 3 cents—and in many cases without takers.

The Florists' Exchange did a business considerably in excess in volume of any preceding corresponding season. Manager John J. Perry had arranged for extra and efficient help and the transactions of the day were smoothly and expeditiously forwarded, including considerable shipments to out-of-town customers. By the closing hour pretty much everything was cleaned out, some few Paper White narcissi and a little green being the only surplus stock visible. Monday the requisitions were light. Some of the windows of the Charles street stores looked as though they had stood in the path of a sirocco, and early in the day at one establishment the glass door was covered with brown paper, as if to suggest that further calls were not invited.

A curious feature in the occasion was the revived trade in violets. For several years past the demand has been light at this season, whether due to their paucity or the high prices at which they were held cannot be predicated. But this year, as by one consent, everybody wanted Christmas violets and they were hard to find of high grade. Prices were thought to be too elevated by many and we heard of one store which had a conditional order to make presentable bunches for four young ladies or turn the money over to the confectioner a few doors above for boxes of bon-bons.

The usual complaints were heard about express companies' delays in handling material intrusted to them. These institutions do not seem ever to awake to the necessities of preparing for a holiday business until the rush is on, and, strange as it may seem, it is usually the regular shipper whose interests are neglected.

Later the reports of the trade will be summarized as to the extent and character of the holiday trade.
S. B.

Detroit.

Christmas trade was very good, the total volume being about ten per cent in excess of the trade of the same period a year ago. The spirited revival of business, which started in the early part of the week and continued with a daily increase until Saturday, was a welcome change from the very unsatisfactory business prevailing during the three weeks previous. A noticeable feature was the popularity of made up baskets of assorted plants trimmed with ribbon. These were used for the more substantial gifts, but there was a good demand for any kind of flowering plant, the most popular of which were poinsettias, and Begonia Gloire de Lorraine. Azaleas sold well, as did Jerusalem cherries, peppers and cyclamens. Boston ferns were sold in great numbers, and kentias in various sizes were called for to a noticeable extent. The choice of so much in the plant line as gifts made it possible to make the selections throughout the week, which greatly relieved the usual congestion on the last day, which was then used chiefly for the cut flower purchases. The threatened shortage of violets in the early part of the week disappeared on Saturday when the accumulated stock of a fortnight was shipped in to the anxious retailers. The supply, however, was but little in excess of the demand, which was good. In roses, first-class stock was scarce and much more could have been sold, while the poorer grades were little used. There was an unusually good supply of carnations of good quality and all were sold and more red could have been used if obtainable. Poinsettias were fine and sold well while white flowers of any kind

were little called for, but of the latter there was not sufficient to be called a glut, except, perhaps in Roman hyacinths alone. The weather was favorable for shopping and not so intensely cold as to cause serious trouble in making deliveries. Fair prices were maintained and altogether considered the event was most satisfactory to both growers and retailers.

The Florists' Club meeting of Wednesday evening, December 21, brought out an unusually good attendance. After the routine business was transacted, a resolution was unanimously adopted commending ex-president Robert Flowerday to Mayor-elect Geo. P. Codd for commissioner of parks and boulevards and most urgently requesting his appointment to that office. A committee was appointed consisting of President Robert Watson, Philip Breitmeyer and J. F. Sullivan to personally see the mayor in Mr. Flowerday's behalf.

At the next meeting of the club, January 4, Rob't. Unger will read a paper on "Parks and Boulevards as Educators of Mankind."

The Michigan Cut Flower Exchange was a veritable beehive the past week and Manager Dilger wears broad smiles of satisfaction with the Christmas trade.

Beard Brothers, Woodmere, and Frank Holznagle, Highland Park, now take their stock down town in fine new delivery wagons.

Charles Schaible has again resumed business, taking the place formerly used by James Mitchell on Garfield avenue.

Visitors. Chas. Schwake, New York; H. D. Byers, Dayton, Ohio; C. Wayne Ward, of Ralph M. Ward, New York.

J. F. S.

Pittsburg.

The Christmas holidays have passed into history and the predictions that the holiday business would be a big success have been realized. Local and shipped stock came in excellent condition. Blooming plants had an extraordinary sale. Ardisias, poinsettias, cyclamens, azaleas and red tulips were the leaders. The demand for American Beauty roses is believed to be greater than ever. Violets also sold well. Liberty was in great demand but short in supply. Carnations were never finer in quality. Christmas greens, fruit baskets, immortelles, wreaths, garlands and red bells met with liberal sale. Both retail and wholesale houses did a satisfactory business, some claiming that it was the best Christmas business in their history.

E. L. M.

Poughkeepsie, N. Y.

In spite of unfavorable weather the flower stores all report satisfactory Christmas trade. Holly and decorative material sold up clean. Blooming plants were in brisk demand. Primula Buttercup was popular at Saltford's. Poinsettias and red carnations ran out. Large quantities of violets were disposed of.

DeVoy & Son have a fine stock of Telegraph geranium ready in 2 1/2-inch pots, thousands in the cutting benches and two houses of large plants in beds.

SORRENTO, FLA.—Miss Ada Brooks has succeeded The Brooks Sisters in business.

FENTON, MICH.—A small fire caused slight loss at the greenhouses of George Bridson, December 17.

THE AMERICAN FLORIST

TWENTIETH YEAR.

Subscription, \$1.00 a year. To Europe, \$2.00.
 Subscriptions accepted only from those
 in the trade.

Advertisements, on all except cover pages,
 10 Cents a Line, Agate; \$1.00 per inch.
 Cash with Order.

No Special Position Guaranteed.

Discounts are allowed only on consecutive inser-
 tions, as follows—8 times, 5 per cent; 13 times,
 10 per cent; 26 times, 20 per cent;
 52 times, 30 per cent

Space on front pages and back cover page sold
 only on yearly contract at \$1.00 per inch, net.

The Advertising Department of the AMERICAN
 FLORIST is for florists, seedsmen and nurserymen
 and dealers in wares pertaining to those lines only.

Orders for less than one-half inch space not accepted.

Advertisements must reach us by Wednesday to
 secure insertion in the issue for the following
 Saturday. Address

AMERICAN FLORIST CO., Chicago.

When sending us change of address, always send
 the old address at the same time.

1905.

PLANTSMEN are driving the flower
 picklers out of business.

THE buyers are in a minority who like
 to purchase the same old varieties year
 after year.

SUNKEN gardens in the central court
 will be a feature of the Lewis and Clark
 exposition.

ONE can never fully determine how a
 novelty will do for his trade until it has
 been given a fair trial.

PLEASE note that the eastern office of
 the AMERICAN FLORIST is now located at
 429 Sixth avenue, New York.

THE annual meeting and exhibition of
 the American Carnation Society will be
 held at Chicago, January 25 and 26.

GROWERS of bedding plants need not
 hesitate to ask higher prices than
 obtained last spring, if good stock is
 offered.

THE American bulb drummer is abroad
 in the land earlier than usual, several
 representatives putting in their appear-
 ance before Christmas.

AZALEAS that flowered too early or too
 late for the holiday trade should not be
 neglected, but grown on for next season
 as frequently described in these columns.

ONE western florist is reported to have
 closed his doors during the recent holiday
 rush to keep out prospective buyers. He
 had all he could do to fill the orders of
 his regular customers.

EVERY florist should carry in stock
 some of the popular hardy plants, shrubs,
 vines and hardy perennials to meet the
 growing demands of his local customers.
 The practical grower can purchase from
 catalogues, but the uninitiated like to see
 what they are buying.

WE are in receipt of the transactions of
 the Massachusetts Horticultural Society
 for the year 1904, part one, containing
 the various papers read before the society
 during the year and an excellent article
 on the cultivation of peonies by Professor
 R. T. Jackson, of Cambridge, Mass.
 Professor Jackson also contributes an
 article on "John Richardson, His House
 and Garden." Mr. Richardson was con-
 temporary with the late John C. Hovey,
 and his garden at Boston was famous
 for its collections of plants, especially
 peonies, of which he raised many seed-
 lings which are fully described by Pro-
 fessor Jackson.

To Be Done Now.

Sow canna seeds, also those of such
 greenhouse plants as cinerarias, cycla-
 mens, primulas, calceolarias, etc., which
 have not been already sown.

Where pansies were not provided for
 last fall, the seeds may be sown now in
 flats placed in a temperature of 45°
 to 55°.

Many annuals, such as stocks, asters,
 petunias, etc., needed in certain sections
 for early work and sales may be sown
 now.

Start the roots of gloxinias and tuber-
 ous begonias without delay.

McFarland's Lectures.

J. Horace McFarland's lecture schedule
 for January, 1905, is quite an extensive
 one, covering a wide range of subjects
 and includes one on "The Common Trees
 and Their Uncommon Flowers" before
 the Brooklyn Institute of Arts and
 Sciences, at Brooklyn, N. Y., January 18,
 and one on "Flowers and Ferns in Their
 Haunts" at the Pinkerton Academy,
 Derry, N. H., January 20.

Odd Items.

In Europe and America they give the
 dead a salute of shots. It is supposed to
 be very heroic. Let me confess, says
 Baron Gottberg, that I like the poetic
 and humane courtesy of the Jap better.
 He salutes the dead with flowers.

The Missouri Pacific railroad operates
 in the interests of Missouri horticulture
 a well equipped car which moves about
 from place to place throughout the
 state.

Commission men report ordering car-
 loads of vegetables by wireless telegraph
 from Chicago to Springfield, Ill.

A traveling salesman has for his com-
 bination stock in trade tombstones and
 nursery goods.

Trade Notes.

Horicum is the new preparation of lime,
 sulphur and salt for spraying San Jose
 scale and other serious orchard pests,
 which Benjamin Hammond, Fishkill, N.
 Y., is about to put on the market. There
 should be a great demand for a well bal-
 anced solution of this kind.

C. E. West, an English dealer in horti-
 cultural supplies, has invented raffia
 tape, a corrugated green tying material
 to take the place of raffia and said to be
 cheaper and much more serviceable.

The J. Horace MacFarland Company
 gives a house warming January 2 inci-
 dent to the occupation of its new build-
 ing.

Crozy lists fifty new varieties of cannas
 for distribution during 1905.

Carnegie Institute Aids Burbank's Work.

The trustees of the Carnegie Institute
 at Washington have voted to provide
 funds for carrying on the experimental
 work of Luther Burbank. While he was
 engaged in the nursery business he was
 able to lay by enough money to carry on
 his vast experiments, but for the past
 fifteen years he has been obliged to draw
 heavily upon this fund. Last year he
 sold land that he owned to continue the
 experiments, for many of them begun
 from fifteen to twenty years ago were
 coming into fruition, and unless carried
 on, the patient work of years would be
 lost. His friends in California and others
 who understood something of this great

work took up the matter, and through
 their efforts this grant was made. With-
 out it, Mr. Burbank would soon have
 been obliged to give up many of the
 intensely interesting experiments, and it
 was only a question of time when the
 experimental grounds at Sebastopol
 would have to go. There were, however,
 others waiting to take up the work of
 providing the funds had this source not
 come to the rescue, as the state of Cali-
 fornia, as well as numbers of universities,
 etc., have realized the great worth of his
 work and the vast importance of the
 continuance of this experimental work of
 a lifetime, so that they could not have
 seen it stop.

The plant experimenter has no protec-
 tion, legal or otherwise, for his produc-
 tions, and the patient work of years
 brings no returns to the originator at all
 commensurate with the expenses of its
 production. He has only the satisfac-
 tion that he is a benefactor of humanity
 for his reward.

The sum allotted to this work is \$100,-
 000, to be paid in ten annual installments
 of \$10,000 each.

American Carnation Society.

Plans for entertaining the delegates to
 the carnation convention at Chicago,
 January 25 and 26, are well under way.
 P. J. Hauswirth has kindly consented to
 act as exhibition manager. The exhibi-
 tion should eclipse all previous events of
 the society.

Chicago had the convention seven years
 ago, but since that time that city has in-
 creased its plantings of carnations to
 over a million plants, so that our first
 exhibition was really a baby in compar-
 son to the coming one. Joliet did not
 grow a carnation at that time, neither
 did Bassett & Washburn, Peter Reinberg,
 Weiland & Risch, all of whom are now
 large exhibitors. Joliet alone sent 7,000
 blooms to last years show at Detroit. I
 estimate the number of blooms that will
 be staged at Chicago at 20,000, a sight
 that will be well worth coming a long
 way to see; in fact no grower of carna-
 tions can afford to stay away. Every-
 one, big or little, will find it a very profit-
 able trip. One can see all the new var-
 ieties, take notes, and decide upon those
 which he wants to grow for his own
 particular trade.

No doubt there will be many new
 exhibitors who will be warmly welcomed
 into the field. If you have some of the
 standard varieties in good shape, bring
 them along and compare them with the
 best in the land. If you have a flower or
 a few flowers of a seedling or a sport,
 bring them along also, even though you
 have not enough to enter in a class. You
 can get the opinion of the best growers
 as to their value.

Are you a member of the society? If
 not you should be. Send \$2 to Secretary
 Albert M. Herr, Lancaster, Pa., and he
 will do the business. A small item surely
 for the benefits received. Don't put it off
 but send your name and address with \$2
 enclosed at once. Whether you are in
 business or a greenhouse hand, you'll
 never regret it.

The exhibition takes place in the large
 dining hall of the Auditorium, Chicago,
 an ideal place and overlooking Lake
 Michigan. The banquet will be held in
 the same building. You can also secure
 rooms, etc., at the same place. There-
 fore, if the weather should be inclement
 it will not be necessary to go outside for
 anything during the two days.

Many visitors will want to stay a day or two longer to see the larger establishments they have read about or seen pictures of. That you will receive a cordial welcome from all and be well taken care of is a foregone conclusion.

JAMES HARTSHORNE, Pres.

DEPARTMENT OF PLANT REGISTRATION.

Beatrice, by Baur & Smith, Indianapolis, Ind.; this might be called a light pink Dorothy, except that the blooms come much larger. Habit of growth, length of stem and form of flower resemble that variety closely. The color is a beautiful shade of Daybreak pink, a full shade lighter than that variety. Strong growth and never bursts.

Flambeau; large round blooms on strong stems. Strong growth and free bloomer; stands hot weather best of any scarlet we have ever grown. Color a shade deeper than Crane.

SPECIAL NOTICE.

Parties having new carnations should submit the name intended for use to the society before having it printed in any shape, so as to avoid duplication as far as practical.

The Eastern Passenger Association has granted the rate of one and one-third fare for the meeting in Chicago, Ill., January 25. This completes the chain from the coast of Main to Denver, Col., north to Canada and south to Texas, St. Louis and Kentucky, the whole of the carnation growing belt, and should give us the largest, as well as the best meeting ever held by this society.

For premium lists and information write to the secretary.

ALBERT M. HERR, Sec'y.

Lancaster, Pa.

OBITUARY.

Prof. J. L. Budd.

Prof. J. L. Budd died at San Antonio, Tex., December 20. The cause of his death was consumption. Prof. Budd was one of the best and widest known horticulturists in the state of Iowa. Through twenty-two years of experience as professor of horticulture at the Iowa State college he was known from coast to coast. He was born in Peekskill, N. Y., in 1835, and began teaching school when but sixteen years of age. He was graduated from the Normal Institute of Monticello, N. Y., and the few following years had charge of an academy for boys in Rockford, Ill. The next eighteen years were spent in the varied capacities of principal of schools, farmer, nurseryman and secretary of the State Horticultural society. In 1887 he became professor of horticulture in the Iowa State college and was identified with the institution until about seven years ago. He labored incessantly, scouring Europe for desirable fruits and shrubs and educating the people to their use. He was known to the students and professors of horticulture from his native state to the Pacific coast. Enthusiastic and painstaking, his work has been of incalculable value to the state and the college. Professor Budd had been in poor health for several years and it was partly due to this that he retired from the horticultural field. He spent most of the winters in Texas and the western states the past five or six years in the hope that he would be able to recuperate his last failing health. Prof. Budd's wife and daughter were with him at the time of his death.

Providence, R. I.

The demand for greens and folding bells was the surprise of the holiday season; these sold out completely, and there was a noticeable shortage on good wreaths towards the last. Ferns and flowering plants sold well and azaleas were cleaned out at good prices. Carnations retailed for 75 cents and \$1 per dozen, with roses \$1 to \$3 per dozen, and violets 50 cents per bunch of twenty-five. Narcissi and Romans were 50 cents per dozen. At wholesale the roses brought from 5 cents to 15 cents, carnations 2 cents to 4 cents and violets \$1 per 100. There were no novelties in plants, about the only thing new being the glass bowls of Partridge berries. The weather was freezing and delayed plant deliveries, but the street crowds were unusually large and made business good. The quality of all flowers was excellent and the trade reports a thoroughly successful holiday season. M. M.

SITUATIONS, WANTS, FOR SALE.

One Cent Per Word.

Cash with Adv.

Plant Advs. NOT admitted under this head.

Every paid subscriber to the AMERICAN FLORIST for the year 1905 is entitled to a five-line WANT ADV. (situations only) free to be used at any time during the year.

Situation Wanted—As gardener, private, by a first class practical man; well experienced in all branches. Single, aged 55. Address W. C. H., care Vaughan's Seed Store, Chicago.

Situation Wanted—By a practical florist, 20 years' experience in growing all kinds of plants. Can take charge of private or commercial place; married. Box 112, care American Florist.

Situation Wanted—By German, single, 32 years of age, 14 years' experience in roses, carnations and general work. Capable of taking charge. State wages. Box 111, care American Florist.

Situation Wanted—By a practical all-around florist. Single, 28 years old. 10 years' experience in palms, ferns, bulbs, etc. Capable of taking care of small commercial place. Address Box 113, care American Florist.

Help Wanted—At once; a man that understands growing roses and bedding stock. Wages \$3 per month, board and room. Good chance for an advance to the right man. Address KRANZ FLORAL CO., 107 N. Market St., Ottumwa, Ia.

Situation Wanted—Competent gardener for private place or public institution is open to engagement. Thoroughly experienced in all departments; landscape work a specialty. Box 114, care American Florist.

Situation Wanted—As a grower or propagator in a private or commercial place. 18 years' experience in all branches. Can give best of references. German, married, age 32. Please state salary paid. Address Box 105, care American Florist.

Situation Wanted—As working foreman in cut flowers. Will take charge of range of roses or carnations or handle a place on shares. References exchanged. O. B. 246 Crocker Ave., Mt. Clemens, Mich.

Situation Wanted—By English gardener, age 25 years; experienced in orchids, chrysanthemums, stove and greenhouse plants, cut flowers and general gardening. First-class references. Address GEORGE BROWN, Earncliffe, Ottawa, Canada.

Help Wanted—Young man to learn the florist trade, from 15 to 18 years of age. Apply to JOHN L. WYLAND, De Haven, Pa.

Help Wanted—Young man in seed store, German preferred. HUNKEL'S SEED STORE, 327 Chestnut St., Milwaukee, Wis.

Help Wanted—\$20 to \$50 per week to experienced florists; whole or part time. Reference. I. SPAULDING, Pres., Spaulding, Ill.

Help Wanted—Young man for potting and general greenhouse work. State wages, age and experience. Address GIFT FLORAL CO., Richmond, Ind.

Help Wanted—Young man, German preferred, who understands something about the florist business. State wages also reference required. Address Box 110, care American Florist.

Help Wanted—By February 1st, a man that thoroughly understands the growing of orchids and stove plants. Must be well recommended. Wages \$55 per month, with room. Wm. THATCHER, Warren St., Brookline, Mass.

Help Wanted—Farmer to care for small estate, married, no children. Four horses, a few sheep. Wife must be good cook. Permanent place to responsible man. Location fifty miles from Chicago. Address MISS F. R., 1327 Hinman Ave., Evanston, Ill.

Help Wanted—A married man to work vegetable garden; salary \$45 a month and house; 20 acres in the place; 2 acres vegetables, 2 acres strawberries. Place on the Interurban railway, five miles from Battle Creek, Mich. Address E. F. CLARK, Manager Post Tavern, Battle Creek, Mich.

Wanted, Partner—A practical florist with about \$2,000, to buy interest of partner & bring into other business. Retail in city of 60,000 within 30 miles of Philadelphia; 15,000 feet of glass; an excellent opportunity and a square deal. T. R. WILSON, 418 Arcade Bldg., Philadelphia, Pa.

For Sale—Ballard's greenhouse, \$750. Perry, Iowa.

For Sale—A greenhouse 20x100, bought for my own use, but decided not to build. All taken down ready for shipments; 70 boxes 16x24 glass, 1,830 feet pipe, No. 3008 Furman boiler, cypress frame; been used two years. At a bargain. W. E. INGALLS, Brighton, Me.

For Sale—An elegant greenhouse plant, up-to-date and modern in every way; 20 lots, 40,000 feet of glass, fine dwelling, all new; a fine retail and wholesale trade; the demand is first-class; good market; in one of the finest cities in Colorado; water plentiful and the best of soil right at the door; have other business; will sell reasonably. Address No. 99, care American Florist.

WANTED.....

Position as foreman and manager of a first-class establishment where good wages are paid. Last 3 years foreman for the J. D. Thompson Carnation Co., Joliet, Ill., and the record of above named firm in that period of time should be sufficient testimonial as to ability and character. Also gilt-edge references from several other leading florists in the country. Distance no objection but good wages expected. Would also consider a good business opportunity or partnership with responsible party. Ready for engagement Feb. 1, 1905. J. E. JENSEN, Lock Box 1252, Joliet Ill.

A RARE OPPORTUNITY.

One of our customers, after 31 years of work, wishes to sell his florist business, consisting of eight greenhouses (13,000 square ft.) well stocked with pot plants, etc., suitable for retail trade, in a Canadian town of 75,000.

Excellent local trade, stove and dwelling house adjoining. Owner is retiring, and if necessary, will lease house and lot. \$5,000 cash required for greenhouses, stock, horse, wagon, etc.

This is an unusual chance for any energetic, capable, florist. The business is now paying from \$5,000 to \$6,000 annually over operating expenses, and is capable of considerable increase.

Those meaning business and having available funds apply to

McHUTCHISON & CO., 218 Fulton St., New York City.

To Florists.

My company will pay you a liberal salary or commission for your entire or part time as you prefer. Extra pay to experienced florists. Address

EMPLOYER, care American Florist.

GREENHOUSE GLASS

FOR SALE CHEAP. GREAT BARGAIN.

In quantities of not less than 200 box lots, f. o. b. Chicago Net cash per box.

| | |
|---------------------------------|--------|
| 200 boxes 12x14 Double Thick P. | \$1.55 |
| 500 boxes 16x18 " " A. | 2.75 |
| 500 boxes 16x18 " " B. | 2.55 |
| 400 boxes 16x20 " " A. | 3.00 |
| 500 boxes 16x24 " " A. | 3.00 |
| 400 boxes 16x24 " " B. | 2.75 |

Great bargain in all other glass, for shipment east of West.

Jas. H. Rice Co., Mfrs. and Jobbers, 80-82 Wabash Ave., Chicago.

Wietor Brothers, 51 Wabash Avenue, CHICAGO.

WHOLESALE CUT FLOWERS.

—HOLIDAY PRICES. SUBJECT TO CHANGE.—

AMERICAN BEAUTY.

| | Per doz. |
|-------------------|----------|
| 36-inch stem..... | \$ 8.00 |
| 30-inch stem..... | 6.00 |
| 24-inch stem..... | 4.00 |
| 20-inch stem..... | 3.00 |
| 16-inch stem..... | 2.00 |
| 12-inch stem..... | 1.50 |

ROSES.

| | Per 100 |
|----------------------------|--------------------|
| Bride and Maid..... | \$ 6.00 to \$12.00 |
| Meteor and Gate..... | 6.00 to 12.00 |
| Liberty..... | 8.00 to 15.00 |
| CARNATIONS—Gond stock..... | 4.00 to 5.00 |
| " Large and fancy..... | 6.00 to 8.00 |

Please mention the American Florist when writing.

Wholesale Flower Markets

| | |
|------------------------------|-------------|
| MILWAUKEE, Dec. 24 | |
| Roses, Beauty, long per doz. | 8.00 |
| " med. " 3 doz @ 6.00 | |
| " short " 2.00 | |
| " Liberty..... | 8.00@10.00 |
| " Chateau..... | 5.00@20.00 |
| " Bride, Bridesmaids..... | 5.00@15.00 |
| " Meteor, Golden Gate..... | 5.00@15.00 |
| " Perle..... | 5.00@15.00 |
| Carnations..... | 4.00@ 8.00 |
| Smilax..... | 12.50@15.00 |
| Asparagus..... | 2.00@ 3.00 |
| Valley..... | 3.00@ 4.00 |
| Adiantum..... | 2.00@ 1.00 |
| Violets..... | 2.00@ 2.50 |
| Callas..... | 15.00@20.00 |
| Romans, Paper Whites..... | 3.00@ 4.00 |
| Stevia..... | 2.00 |
| Harrisii..... | 20.00@25.00 |

Stock scarce and prices will hold out.

| | |
|------------------------------|-------------|
| PITTSBURG Dec. 23 | |
| Roses, Beauty, specials..... | 60.00@75.00 |
| " extras..... | 30.00@50.00 |
| " No. 1..... | 15.00@25.00 |
| " ordinary..... | 6.00@10.00 |
| " Bride, Bridesmaid..... | 4.00@15.00 |
| " Meteor..... | 4.00@ 8.00 |
| " Liberties..... | 4.00@20.00 |
| " Kaiserin..... | 4.00@12.00 |
| Perle, Chateau..... | 4.00@15.00 |
| Carnations..... | 1.50@ 6.00 |
| Lily of the valley..... | 3.00@ 4.00 |
| Smilax..... | 12.50@15.00 |
| Asparagus, strings..... | 25.00@50.00 |
| Asparagus Sprengerl..... | 1.00@ 3.00 |
| Lilies..... | 20.00@25.00 |
| Adiantum..... | 1.00@ 2.00 |
| Violets..... | 1.00@ 2.50 |
| Paper White Narcissus..... | 3.00@ 4.00 |
| Roman hyacinths..... | 1.00@ 4.00 |
| Stevia..... | 1.50@ 2.00 |

| | |
|------------------------------------|---------------|
| CINCINNATI, Dec. 24 | |
| Roses, Beauty, 1.00@ 4.00 per doz. | |
| " Bride, Bridesmaid..... | 4.00@10.00 |
| " Liberty..... | 8.00@15.00 |
| " Meteor, Golden Gate..... | 8.00@12.00 |
| Carnations..... | 2.00@ 6.00 |
| Lily of the valley..... | 3.00@ 4.00 |
| Asparagus..... | 50.00 |
| Smilax..... | 10.00@12.50 |
| Adiantum..... | 1.00@ 1.50 |
| Callas..... | 10.00@12.50 |
| Asparagus Plumosus and Sprengerl | |
| in bunches..... | 25c per bunch |
| Harrisii..... | 15.00 |

| | |
|-------------------------------|-------------|
| ST. LOUIS, Dec. 29 | |
| Roses, Beauty, long stem..... | 6.00@ 9.00 |
| " Beauty, medium stem..... | 3.00@5.00 |
| " Beauty, short stem..... | .75@2.00 |
| " Bride, Bridesmaid..... | 6.00@12.50 |
| " Golden Gate..... | 5.00@10.00 |
| " Liberty..... | 5.00@12.50 |
| " Kaiserin..... | 5.00@10.00 |
| " Meteor..... | 5.00@10.00 |
| Carnations..... | 2.00@ 5.00 |
| Smilax..... | 15.00 |
| Asparagus Sprengerl..... | 1.50@ 4.00 |
| Plumosus..... | 25.00@50.00 |
| Ferns, fancy, per 1000..... | \$1.75 |
| Adiantum..... | 1.00@1.25 |
| Violets, California..... | .75@ 1.50 |
| " Double..... | 1.00@ 1.50 |
| Lily of the valley..... | 3.00@ 4.00 |
| Stevia..... | 1.00 |
| Mignonette..... | 3.00@ 4.00 |

| | |
|--------------------------|-------------|
| CLEVELAND, Dec. 23 | |
| Roses, Beauty..... | 8.00@75.00 |
| " Bride, Bridesmaid..... | 8.00@15.00 |
| " Meteor..... | 8.00@15.00 |
| Carnations..... | 4.00@ 6.00 |
| Smilax..... | 10.00@15.00 |
| Asparagus, strings..... | 25.00@50.00 |
| " Sprengerl..... | 1.00@ 2.00 |
| Galax..... | 1.00@ 1.50 |
| Common ferns..... | 1.50 |
| Violets, single..... | 1.00@ 1.50 |
| " double..... | 2.00 |
| Paper Whites..... | 3.00@ 4.00 |
| Stevia..... | 2.00 |

Headquarters for Seasonable Novelties and Fancy Stock.

PITTSBURG'S LARGEST AND OLDEST WHOLESALE,

PITTSBURG CUT FLOWER CO., Ltd.

504 LIBERTY AVE.,

PITTSBURG, PA.

WANTED: CONSIGNMENTS OF HIGH GRADE CARNATIONS.

Please mention the American Florist when writing.

HOLTON & HUNKEL CO.,

Wholesale Cut Flowers

462 Milwaukee Street,

MILWAUKEE, WIS.

Please mention the American Florist when writing.

J. M. McCullough's Sons Co.

WHOLESALE

FLORISTS

ALSO SUCCESSORS TO

THE CINCINNATI CUT FLOWER CO.

CONSIGNMENTS SOLICITED.

Special attention given to Shipping Orders.

318 WALNUT ST.

CINCINNATI, O.

Please mention the American Florist when writing.

Pittsburg Florists' Exchange,

WHOLESALE FLORISTS**and Florists' Supplies.**

228 Diamond St.,

PITTSBURG, PA.

Send for weekly price list and prices on large orders.

Please mention the American Florist when writing.

H.G. BERNING

Wholesale Florist

1402 Pine St.,

ST. LOUIS, MO.

Please mention the American Florist when writing.

C. A. KUEHN,

Wholesale Florist,

1122 Pine St.,

ST. LOUIS, MO.

A Complete Line of Wire Designs.

Peter Weiland,

WHOLESALE FLORIST,

Room 18, 128 E. Third St., CINCINNATI, O.

Headquarters for**American Beauties and all leading varieties of****Roses and Carnations.**

All flowers sold at prevailing market prices.

Orders received and filled at Greenhouses if desired, by addressing

PETER WEILAND, New Castle, Ind.*Please mention the American Florist when writing.*

AMERICAN BEAUTIES.

Cut Roses—American Beauties and all kinds of Tea Roses at lowest prices. Trial orders solicited.

HELLER BROS., New Castle, Ind.**South Park Floral Company***Please mention the American Florist when writing.*

RICE BROTHERS

128 N. 6th St., MINNEAPOLIS, MINN.

Wholesale Cut Flowers and Supplies.**Wild Smilax | Flowers billed at****Market Prices.**

Shippers of choice Cut Flowers and Greens of all kinds. Try us.

Please mention the American Florist when writing.

J. B. MURDOCH & CO.

WHOLESALE FLORISTS,**FLORISTS' SUPPLIES.**

545 Liberty Ave., PITTSBURG, PA.

Please mention the American Florist when writing.

000

Place a fair sized digit at the left in the blank space above and you get an idea of the number of cases of

WILD SMILAX handled by me this season.

You will find us in line to supply the wants of all live florists, in

Roses, Carnations, Violets
and all seasonable flowers.

WRITE OR WIRE

J. B. DEAMUD,
51 Wabash Avenue, CHICAGO.

E. C. AMLING

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

32, 34, 36 RANDOLPH ST.,
CHICAGO.

L. D. 'Phones Central 1978 and 1977.

Poehlmann Bros. Co.

Wholesale Growers of

and Dealers in **Cut Flowers**

All telegraph and telephone orders
given prompt attention.

Greenhouses: Morton Grove, Ill. 35-37 Randolph Street, CHICAGO.

GEO. REINBERG,

Wholesale
Grower of **Cut Flowers**

CHOICE AMERICAN BEAUTIES.

We will take care of your orders at reasonable prices. Prompt attention.

51 Wabash Ave., CHICAGO, ILL.

Wholesale Flower Markets

CHICAGO, Dec. 30.

| | |
|--------------------------------------------------------------|--------------------|
| Roses, Beauty, 30 to 36-in. stems | 6.00@ 8.00 |
| " " 20 to 24 " | 3.00@ 4.00 |
| " " 15 to 18 " | 2.00@ 3.00 |
| " " 12 " | 1.50 |
| " Liberty..... | 6.00@10.00 |
| " extra select..... | 15.00@ 20.00 |
| " Chateau..... | 6.00@15.00 |
| " Bride, Bridesmaid..... | 6.00@12.00 |
| " Meteor, Golden Gate..... | 6.00@12.00 |
| Carnations..... | 3.00@ 4.00 |
| " fancy..... | 5.00@ 8.00 |
| Valley..... | 3.00@ 4.00 |
| Violets..... | 2.00@ 3.00 |
| Asparagus Plumosus, per string 40 to 500 sprays 2.00@6.00 | |
| " Sprig..... | 3.00@ 6.00 |
| Leucothoe Sprays..... | .75 |
| Galax Leaves, Bronze, per 1000, 1.25 | .15 |
| Green, " " 1.00 | |
| Adiantum..... | 1.00 |
| Fancy ferns... per 1000 1.00@ 2.00 | |
| Smilax..... | 12.00@15.00 |
| Callas..... | 1.25@1.50 per doz. |
| Paper Whites..... | 3.00@ 4.00 |
| Romans..... | 3.00@ 4.00 |

Bassett & Washburn

76 & 78 Wabash Ave., CHICAGO.

Wholesale Dealers and
Growers of **Cut Flowers**

GREENHOUSES: HINSDALE, ILL.

D. WOOD BRANT,

SUCCESSOR TO BRANT & NOE FLORAL CO.

—Grower of—

CUT FLOWERS AT WHOLESALE.

Choice American Beauty Roses.
Prices reasonable.

Careful attention given shipping orders.

58-60 Wabash Ave., CHICAGO.

ALWAYS MENTION THE....

AMERICAN FLORIST

WHEN WRITING ADVERTISERS.

J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and
Carnations
A Specialty.....

WHOLESALE

GROWER of

CUT FLOWERS

E. H. Hunt,

WHOLESALE

Cut Flowers

"THE OLD RELIABLE."

76 Wabash Ave.,CHICAGO.

A Daily Cut From 40 Growers

We can and will fill your Cut Flower
wants to advantage.

Plenty of **BEAUTIES,**
MAIDS, BRIDES, etc.
CARNATIONS, VIOLETS, etc.
ALL GRADES.

Shipping orders our Specialty. Write, tele-
phone or telegraph.

Long Distance Phone 11.9 Main.

Headquarters for **HARDY PERNS**
and **WILD SMILAX.**

Most Complete Line of

FLORISTS' SUPPLIES

IN THE WEST.

—CATALOGUE FREE.—

E. F. WINTERSON CO.

Established 1894.

45-47-49 Wabash Avenue, CHICAGO.

Flower Growers' Market.

60 Wabash Ave., CHICAGO.

Order your stock where it will be filled with
care and dispatch. The most successful growers
of cut flowers, are those who sell their own stock.
Give us your **standing order.**

PERCY JONES, Manager.

WEILAND-AND-RISCH

CHICAGO'S RELIABLE

Wholesale Growers and Shippers of

CUT FLOWERS

59 Wabash Ave., CHICAGO.

Send for weekly price list.

WHOLESALE FLORISTS

SINNER BROS.

Wholesale Growers
and Shippers of **CUT FLOWERS**

58 WABASH AVENUE, CHICAGO, ILL.

With the Flower

Growers' Co.

All telephone and telegraph orders
given prompt attention.

Telephone—
Central 3067.

THE BENTHEY-COATSWORTH CO.

35 RANDOLPH ST.

WHOLESALE FLORISTS

CHICAGO.

The Leo Niessen Company

WHOLESALE FLORISTS

1217 Arch Street,

Store open from 7 A.
M. to 8 P. M.

PHILADELPHIA, PA.

The Cleveland Cut Flower Company,

WHOLESALE CUT FLOWERS, FLORISTS' SUPPLIES, WIRE DESIGNS.

52 and 54 High Street,

CLEVELAND, OHIO.

BOSTON, MASS.

WELCH BROS.

15 Province Street.

All Varieties FLOWERS in Season. FANCY and DAGGER FERNS.
FLORISTS' SUPPLIES all kinds.

Long Distance Telephone, 6268-6267 Main.

For CHRISTMAS, Cut Strings of Asparagus Plumosus Nanus.

FIRST-CLASS STOCK RUNNING EVEN AND FULL,
50 CENTS EACH.

W. H. ELLIOTT, Brighton, Mass.

N. Lecakes & Co.

53 W. 28th St., New York.

Tel. No. 1214
Madison SquareStands at Cut
Flower Exchange
Coogan Bldg., W.
26th Street & 34th
Street Cut FlowerMarket. Specialties: Galax Leaves, Ferns and
Leucothoe Sprays, Holly, Princess Pine and all
kinds of Evergreens.

Green and Bronze Galax Leaves, 75c per 1000.

Original Pioneer House—Established 1871.

JAMES HART

117 W. 30th St., NEW YORK.

Wholesale and Commission

Consignments solicited. Shipping orders
promptly attended to. Phone 626 Madison.

Please mention the American Florist when writing.

GEORGE COTSONAS & CO.,

Wholesale and Retail
Dealers in all kinds of

EVERGREENS.

Fancy and Dagger
Ferns, Bronze and
Green Galax.

Phone 1202 Mad. Sq.

MAIN STORE, 45 W. 29th St.,
BRANCH, 55 W. 28th St.,

NEW YORK.

Please mention the American Florist when writing.

The Philadelphia Wholesale Flower Market.

1235-7 Filbert St., PHILADELPHIA.

Open from 7 A. M. to 6 P. M. Telephones.

THE KERVAN COMPANY,
WHOLESALE DEALERS.All Decorating Evergreens, Galax,
Leucothoe, Mosses, Etc.

20 W. 27th Street, NEW YORK.

TELEPHONE 1519 MADISON SQ.

FOR SOUTHERN WILD SMILAX

(Where quality is first consideration)

Write, Wire or Phone the Introducers,

Caldwell The Woodsman Co., Evergreen, Ala.

New Crop Southern Wild Smilax
now ready in limited quantities.

Wholesale Flower Markets

BOSTON, Dec. 29.

| | |
|-------------------------------|--------------|
| Roses, Beauty, best..... | 30 00@ 80 00 |
| " " medium..... | 6 00@ 45 00 |
| " " culls..... | 6 00@ 8 00 |
| " Bride, Bridesmaid..... | 4 00@ 6 00 |
| " extra..... | 8 00@ 12 00 |
| " Liberty..... | 1 00@ 8 00 |
| Carnations..... | 2 00@ 3 00 |
| " Fancy..... | 3 00@ 5 00 |
| Lily of the valley..... | 3 00@ 4 00 |
| Smilax..... | 8 00@ 12 00 |
| Adiantum..... | 1 00 |
| Asparagus..... | 35 00@ 50 00 |
| Violets..... | 1 00@ 1 50 |
| Chrysanthemums, ordinary..... | 4 00@ 6 00 |
| " fancy..... | 8 00@ 12 00 |

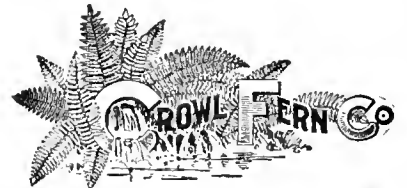
PHILADELPHIA, Dec. 29.

| | |
|-----------------------------------------|---------------|
| Roses, Tea..... | 8 00@ 10 00 |
| " extra..... | 12 00@ 15 00 |
| " Liberty..... | 8 00@ 35 00 |
| " Queen of Edgely, extra..... | 50 00@ 75 00 |
| " firsts..... | 20 00@ 40 00 |
| " Beauty, extra..... | 100 00@ 75 00 |
| " firsts..... | 20 00@ 40 00 |
| Carnations..... | 3 00@ 8 00 |
| Chrysanthemums, per doz., \$1@ \$4..... | 8 00@ 35 00 |
| Lily of the valley..... | 3 00@ 6 00 |
| Asparagus..... | 25 00@ 50 00 |
| Smilax..... | 12 00@ 15 00 |
| Violets, single..... | .75@ 1 00 |
| " double..... | 1 00@ 1 50 |
| Adiantum..... | 1 00@ 1 50 |
| Gardenias..... | .75 |
| Mignonette..... | 4 00@ 6 00 |

BUFFALO, Dec. 29.

| | |
|----------------------------------|---------------|
| Roses, Beauty..... | 25 00@ 100 00 |
| " Bride, Bridesmaid, Meteor..... | 6 00@ 18 00 |
| Carnations..... | 3 00@ 8 00 |
| Harrisii..... | 15 00@ 20 00 |
| Lily of the valley..... | 3 00@ 5 00 |
| Asparagus, strings..... | 40 00@ 50 00 |
| Smilax..... | 15 00 |
| Adiantum..... | .75@ 1 50 |
| Lilium Longiflorum..... | 15 00 |
| Chrysanthemums..... | 10 00@ 20 00 |
| Violets..... | 1 50@ 2 50 |

HARDY CUT FERNS.

Fancy or Dagger Ferns, \$1.00 per 1000. Galax,
Brilliant Broeze or Green, 75c per 1000; \$8.50 per
case of 10,000. Laurel Festooning, hand-made,
full sizes, 4c, 5c and 6c per yd. Made fresh daily
from the woods. Send us your CHRISTMAS
orders now and we will please you. Branch
Laurel, 35c per large bundle. Southern Wild
Smilax, per 50-lb. case, \$5.50. Laurel Wreaths
and Princess Pine Wreaths, made all sizes and
prices. Princess Pine by the lb. and made into
roping. Tell us your wants and we will name
you prices.

Tel. Office, New Salem, Mass. Millington, Mass.

GALAX, FERNS, ETC.

Bronze Galax..... @ 60c per 1000
Green Galax..... @ 60c per 1000
Cut Fancy Ferns..... @ \$1.00 per 1000
Cut Dagger Ferns..... @ 1 00 per 1000
Cut Leucothoe Sprays..... @ 3 00 per 1000
Cut Rhododendron Sprays..... @ 4 00 per 1000
First-class and fresh from patch. Cash with order.

J. N. PRITCHARD, Elk Park, N. C.

GALAX LEAVES AND Leucothoe Sprays.

J. G. LOVEN, Montezuma, N. C.

HARDY CUT DAGGER AND FANCY FERNS.

We carry the finest and most complete line of Decorative
Evergreens and Florists' Supplies. Our specialties are DAG-
GER, \$1.00 and FANCY FERNS, \$1.50 per 1000.
Discount on larger orders. BRILLIANT BRONZE and
GREEN GALAX, \$1.00 per 1000. Laurel Festooning, good and
full, handmade 5c and 6c per yd. Green and Sphagnum Moss,
\$1.00 per bbl. Sphagnum Moss, 50c per bag; 5 bags, \$2.00.
Ivy Leaves, \$1.00 per 1000. Sprengeri, 25c and 50c per bunch.
Asparagus Plumosus, 50c per bunch or string. Leucothoe
Sprays, \$1.00 per 100; \$7.50 per 1000.We also carry a full line of Florists' Supplies such as Tin
Foil, Cut Wire, Corrugated Boxes, all sizes, Folding Boxes,
Ribbons, all sizes and colors, Koral Letters, Wire Designs, Cycas Leaves, Etc., Etc.
Our stock is of the best quality and at the most reasonable rates. Please write for our price list.
Orders by mail, telephone or telegraph will receive our most careful and prompt attention.

HENRY M. ROBINSON & CO., L. D. Phone 2618 Main. 8 and 11 Province St., Boston, Mass.

BERGER BROS. WHOLESALE FLORISTS.

Bell and Keystone Phones. 1220 Filbert Street, PHILADELPHIA.

Please mention the American Florist when writing

FLOWERS SHIPPED BY

JOHN I. RAYNORARE THE BEST PRODUCT OF THE BEST
GROWERS FOR THE NEW YORK MARKET.Adiantum Croweanum
SOLD HERE EXCLUSIVELY.49 W. 28th St., NEW YORK.
Tel. 1998 Madison Square.**YOUNG & NUGENT**42 West 28th Street,
Telephone 2035 Madison Sq.**Wholesale Florists.**

CATTLEYS, GARDENIAS, ROSES, CARNATIONS and all seasonable novelties. With our long experience in shipping, and competent assistants in our packing department, we are in a position to guarantee out-of-town customers who place their orders with us that they will not be disappointed.

Walter F. Sheridan,
Wholesale Florist,

Telephone 902 Madison Square.

39 West 28th St., NEW YORK.

Telephone No. 756 Madison Square,

**MOORE, HENTZ & NASH**

Wholesale Commission Florists.

55 and 57 West 26th St. NEW YORK CITY.

Advice of sale noted daily. Statement and check weekly. All consignments, large or small, receive the same attention. CORRESPONDENCE INVITED.

WHOLESALE WILLIAM GHORMLEY, COMMISSIONDaily Receiver and Shipper of Fresh Cut Flowers.

Orchids, Roses, Carnations, Valley, Lilies, etc.

Telephones 2200 and 2201 Madison Square.

57 West 28th Street, NEW YORK CITY.

JOHN YOUNG,Special American Beauties,
Surpassing Carnations,
Lily of the Valley, Orchids
and all Seasonable Flowers.51 West 28th St., NEW YORK.
Telephone 1905 Madison Square.THE RECOGNIZED HEADQUARTERS IN
NEW YORK CITY FOR**Violets and Carnations**GROWERS and BUYERS make a note of this.
It will be to your advantage.WM. H. GUNTHER,
80 West 29th Street, NEW YORK.
Telephone 551 Madison Square.**THOMAS YOUNG, Jr.**
WHOLESALE FLORIST.**CHOICEST CUT FLOWERS.**
43 W. 28th St., NEW YORK CITY.THE RELIABLE
COMMISSION HOUSE**JOSEPH S. FENRICH**48 W. 30th Street, NEW YORK.
TEL. 325 MADISON SQ.**N. Y. CUT FLOWER EXCHANGE**

Coogan Bldg., 6th Ave. & W. 26th St., New York.

Open for Cut Flower Sales at 6
o'clock Every Morning.DESIRABLE WALL SPACE TO RENT FOR
ADVERTISING.

JOHN DONALDSON, Secretary.

Choice Carnations.

Selected Roses.

Traendly & Schenck

NEW YORK CITY,

44 W. 28th Street, Cut Flower Exchange.
New Telephone No. 798 & 799 Madison Sq.**Wholesale Flower Markets**

NEW YORK, Dec. 27.

| | |
|-----------------------------------|-------------|
| Roses, Beauty, best..... | 15.00@50.00 |
| " " medium..... | 3.00@10.00 |
| " " culls..... | 1.00@2.00 |
| " Liberty, best..... | 10.00@25.00 |
| " " medium..... | 3.00@10.00 |
| " " culls..... | 2.00@3.00 |
| " Bride, Bridesmaid, G. Gate..... | 3.00@25.00 |
| " Kaiserin, Carnot..... | 1.50@10.00 |
| Carnations..... | 2.00@3.00 |
| " " fancy and novelties..... | 3.00@10.00 |
| Lily of the valley..... | 1.00@4.00 |
| Lilies..... | 8.00@15.00 |
| Smilax..... | 5.00@10.00 |
| Adiantum..... | .10@.50 |
| Asparagus..... | 25.00@50.00 |
| Gardenias..... | 2.00@10.00 |
| Violets..... | .50@1.10 |

Charles Millang**WHOLESALE FLORIST.**Conservatory connected from which I can ship
feras and decorative plants promptly.50 W. 29th St. NEW YORK.
Tel. 3860 and 3861 Madison Square.Receivers and Shippers of Cut Flowers.
Consignments Solicited.**A. L. YOUNG & CO., Wholesale**
Florists,
54 West 28th Street,
Telephone 3559 Madison Sq. NEW YORK.**FORD BROS.**

Receivers and Shippers of

Fresh Flowers

111 West 30th St., NEW YORK.

Telephones 3870-3871 Madison Sq.

REPRESENTING EMINENT GROWERS.

Julius Lang

53 West 30th Street, NEW YORK.

COMMISSION DEALER in FLOWERS

TELEPHONE 280 MADISON SQUARE.

ALEX. J. GUTTMAN,

Wholesale Commission Florist,

All varieties of Cut Flowers in season
at right prices, and of the
BEST QUALITY.52 W. 29th Street, NEW YORK CITY.
Telephone 1664 and 1665 Madison Square.**THE**
NEW YORK CUT FLOWER CO.55 and 57 West 28th St.,
WHOLESALE FLORISTS.Daily Reports. Weekly Payments.
TELEPHONE J. A. MILLANG,
756 Madison Sq. MANAGER.**CARNATIONS My**
Specialty.

CONSIGNMENTS SOLICITED.

Prompt Payments. Established 1891

Alfred H. Langjahr, 55 W. 28th St.
New York.

Telephone 3924 Madison Sq.

EDW. C. HORAN,

55 WEST 28TH STREET,

Telephone 421
Madison Square.

.....NEW YORK.

CUT FLOWERS AT WHOLESALE.

CUT FLOWERS OR DESIGNS will be Delivered for the Trade on Wire or Mail Orders in Best Qualities and Prices:

NEW YORK.

Steamer Gifts

Orders for flowers in any form carefully filled and delivered by special messenger on board any steamer on day of departure from New York.

THOS. YOUNG, JR.

43 W. 28th St., NEW YORK CITY.

Please mention the American Florist when writing.

SAN FRANCISCO.

TELEPHONE MAIN 1023.

SIEVERS & BOLAND,
Floral Artists,

83 Post Street, SAN FRANCISCO, CAL.

INDIANAPOLIS.

Bertermann Bros. Co.,
FLORISTS,

241 Massachusetts Ave., INDIANAPOLIS, IND.

Please mention the American Florist when writing.

ST. LOUIS.

Fred. C. Weber,
FLORIST,

4320-4328 Olive St., ST. LOUIS, MO.
Established 1873. L Dist. 'Phone Lindell 196 M.

DENVER.

The Park
Floral Co.

J. A. VALENTINE, Pres. DENVER, COLO.

MILWAUKEE.

C. C. Pollworth Co.
MILWAUKEE, WIS.

Will take proper care of your orders in

WISCONSIN.

CHICAGO.

Established 1857.

The Geo. Wittbold Co.

1657 Buckingham Place, CHICAGO.

Growers and Importers. The oldest and leading house in Central and Western United States. Decorative plants a specialty. Mail and Wire Orders Get Prompt attention.

Palmer's

BUFFALO,
N. Y.

DETROIT.

JOHN BREITMEYER'S
SONS

Cor. MIAMI and GRATIOT AVES.

DETROIT, MICH.

Artistic Designs. ♦♦♦♦

High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Please mention the American Florist when writing.

CHICAGO.

P. J. HAUSWIRTH

Auditorium Annex,

CHICAGO.

Mail, telegraph or telephone orders filled promptly in best style.

OMAHA.

HESS & SWOBODA,
FLORISTS,

1415 Farnam Street, OMAHA, NEB.

'Phone 1501 and L. 1682.

SPRINGFIELD.

Mark Aitken
FLORIST.

388 Main St., Springfield, Mass.

WASHINGTON.

Joseph R. Freeman,
FLORIST,

612 13th St. N.W., WASHINGTON, D. C.

ST. PAUL.

HOLM & OLSON,
ST. PAUL.

THE LEADING FLORISTS OF THE N. W.
Orders will be well cared for anywhere in Minnesota and the Dakotas.

MILLS THE FLORIST,

36 W. Forsyth Street,

JACKSONVILLE, FLA.

A. Gude & Bro.

FLORISTS

1214 F St., WASHINGTON, D. C.

Indianapolis Floral Co.

839 Ft. Wayne Avenue,

INDIANAPOLIS, IND.

WHOLESALE

Commission Florists.

ALL ORDERS PROMPTLY FILLED IN BEST POSSIBLE MANNER.

Consignments Solicited. We are in position to give prompt and liberal returns on all consignments.

WANTED, Bulbs.

We want to buy in lots of 1,000 to 10,000 each the following: TULIPS, select mixtures, CROCUS, HYACINTHS, separate colors mixed, NARCISSUS, all kinds, LILIES.

CHAS. CHADWICK,

COR. FULTON & LAGRAVE,

Grand Rapids, Mich.

WHOLESALE and RETAIL FLORIST.

High-Grade Cut Blooms.

Carnations, Roses, 'Mums, Violets, Etc.

Choice American Beauties a Specialty.

Artistic Designs on Short Notice.

Good Shipping Facilities to all Michigan Points.

—A TRIAL ORDER SOLICITED.—

JOHN WOLF,

Wholesale and Retail Florist,

SAVANNAH, GA.

Paper White Narcissus and Roman Hyacinths.

\$2.00 per hundred, in any quantity.

Long Distance Telephone Connections.

LEIKENS

7 E. 33d St. Near New York City.
Telephone No. 1417 Madison.

Christmas and New Year Orders

By Telegraph Faithfully Filled.

Orders for Baskets, Boxes, Designs, Steamers, Receptions, and from out-of-town Florists will receive personal and careful attention. We guarantee perfect satisfaction.

—GREEN AND BRONZE—

Galax Leaves.

Fresh gathered, \$3.00 per case of 5,000.
Cash with order.

HALL & JONES COMPANY,
BLOWING ROCK, NORTH CAROLINA

MIGNONETTE, Extra Fancy, \$10.00 per 100.

“ Fancy, \$6.00 to \$8.00 per 100.

WHITE LILAC, (after January 5) \$2.00 per doz.

FANCY STEVIA, \$2.00 per 100.

**FANCY ROSES, CARNATIONS,
VALLEY, ROMANS,**

Paper White Narcissus, (Extra choice).

A full line of all kinds of

CUT FLOWERS.

A. L. RANDALL CO.

19 Randolph Street,

CHICAGO, ILL.

R. C. HAYDEN, Sec'y and Treas.

WM. J. MUTH, Manager.

PHILADELPHIA CUT FLOWER CO.

Wholesale Commission Florists

*CHOICE BEAUTIES, MAIDS AND BRIDE ROSES,
FANCY CARNATIONS*

AND ALL OTHER SEASONABLE FLOWERS.

1516-1518 Sansom Street,

Bell and Keystone Phones.
Open 7:30 a. m. to 8 p. m.

PHILADELPHIA, PA.

Please mention the American Florist when writing.

PETER REINBERG

51 Wabash Ave., CHICAGO.

Wholesale Cut Flowers

**LARGEST GROWER
IN THE WORLD.**

Price List.

| AMERICAN BEAUTIES— | Per doz. |
|--------------------|-----------------|
| Extra Select..... | \$ 8.00 |
| 30-inch stems..... | 6.00 |
| 24-inch stems..... | 4.00 |
| 18-inch stems..... | 3.00 |
| 15-inch stems..... | 2.00 |
| 12-inch stems..... | 1.50 |
| Short stems..... | \$.75 to \$1.00 |

| | Per 100 |
|-----------------------|-----------------|
| LIBERTY..... | \$8.00 to 15.00 |
| CHATENAY..... | 8.00 to 15.00 |
| MAIDS AND BRIDES..... | 6.00 to 12.00 |
| PERLE..... | 6.00 to 10.00 |
| GOLDEN GATES..... | 6.00 to 12.00 |
| METEOR, SUNRISE..... | 6.00 to 12.00 |
| CARNATIONS..... | 4.00 to 5.00 |

All flowers are perfectly fresh and properly packed.
No charge for P. & D. on orders over \$5.00.



FANCY CUT FLOWERS A SPECIALTY.

If you want Choice Cut Flowers at any time or all the time, send to

CHARLES W. McKELLAR,
51 Wabash Avenue, CHICAGO.

Western Headquarters for Choice

ORCHIDS, FANCY VALLEY, VIOLETS BEAUTIES, TEA ROSES, Smilax, and CARNATIONS. Wild Smilax, Asparagus, Adiantum, Supplies, Novelties and Wire Work. Also a complete line of all Florists'.

LONG DISTANCE 'PHONE, CENTRAL 3598, AUTO. 3623.

Please mention the American Florist when writing.

Beauties,

ROSES, CARNATIONS, LILIES

—AND—

Cut Flowers of All Kinds.

Michigan Violets a Specialty

**Grand Rapids
Florists' Ass'n.**

60 Wabash Ave., CHICAGO.

Vaughan & Sperry,
Wholesale Florists.

58 and 60 Wabash Ave., CHICAGO.

WRITE FOR SPECIAL PRICES.

Michigan Cut Flower Exchange,
WM. DILGER, Mgr.

Fancy and Dagger Ferns. All Cut Flowers in Season.

38-40 Miami Ave., DETROIT, MICH.

OUR DIRECTORY FOR 1904 WILL BE MAILED TO YOU PROMPTLY UPON APPLICATION. PRICE TWO DOLLARS

KENNICOTT BROS. COMPANY

40-42-44 Randolph St., CHICAGO.

Our reputation has always been that we fill orders when others fail. All stock in season at Lowest Market Rates.

HIGH-GRADE SOUTHERN WILD SMILAX.

And Florists' Hardy Decorative Supplies, Prices Right.

SPECIAL FACILITIES FOR HANDLING LARGE ORDERS.
—WRITE, WIRE OR PHONE.

E. A. BEAVEN, - - Evergreen, Ala.

The Seed Trade.

AMERICAN SEED TRADE ASSOCIATION.

Chas. N. Page, Dea Moines, Ia., Pres.; L. L. May, St. Paul, Minn., First Vice-Pres.; C. E. Kendall, Cleveland, O., Sec'y and Treas. Twenty-third annual convention, June, 1905.

CHICAGO.—Mrs. A. H. Goodwin who has been ill has gone south.

GRAND RAPIDS, MICH.—A. J. Brown is on an eastern contracting trip.

WM. HAGEMAN & COMPANY, of New York, are pushing apple exportations.

VISITED CHICAGO: Max Wilhelmi, of Lawrence, Kan.; Adolph Corneli, St. Louis, Mo.

ONION SETS are firmer at Louisville. The market generally has been very quiet of late.

Canned goods are a drug in the market; this makes the pea demand for canners' sorts slow.

BUFFALO, N. Y.—A meeting of wholesale growers of peas and beans was held Tuesday, December 20.

SUGAR BEET molasses mixed with hay, in proportion of one barrel to a ton of hay, is valuable for horses and cattle.

THE Iron Age implement catalogue for 1905 is a very attractive edition—Batesman Manufacturing Company, Grenloch, N. J.

THE surplus stock of cucumber pickles this season amounts to 1,000,000 bushels. On this basis there will probably be a reduced acreage of cucumbers planted.

A. LE COQ & COMPANY, of Darmstadt, Germany, announce that they were awarded the grand prize at the St. Louis exposition for their exhibit of grass, clover, field and forest tree seeds.

THE 1905 crop of seedsmen's adver-

tising with the accompanying reading notices is now appearing in the California and southern papers. An authority says, "Do not send out a list of advertisements without attractive and carefully written reading notices to accompany them."

British Seed Trade Notes.

The summer and autumn have been more favorable as regards the weather than has been the case for many years past. Good crops were generally obtained under the best of conditions. The excessive heat in July somewhat interfered with some of the crops of peas, and interfered with the yield, although there is no fault to be found with the quality. The Scotch seed potatoes, for which there is a large and increasing demand in all parts of the world, were harvested under propitious conditions.

The great potato "boom" is subsiding. This time last year Findlay's Eldorados were being sold at £150 a pound—three times their weight in gold! Now they have dropped to £1 a pound. The sensational prices have caused increased attention to be paid to the raising of new varieties. At the recent show at the Crystal Palace there were no less than 150 new varieties, although it is stated that some of these were synonymous. Efforts are being made by the National Potato Society to arrange for authoritative trials for these new sorts. This is very necessary, for with the conflicting claims of the many new kinds—each described as the best tuber raised—the ordinary buyer is indescribably perplexed.

Boston.

Christmas week is past and it has been a very busy one for many of the seed stores. There was a great demand for laurel at 8 cents per yard, while laurel wreaths were at a premium of from 35 to 50 cents apiece.

W. W. Rawson & Company report that they had one of the best Christmas weeks known for many years. They completely sold out of everything in the line of

Christmas greens. They also state that potted plants were in great demand and they were unable to fill many of their orders. R. & J. Farquhar also had very good trade, particularly in Begonia Gloire de Lorraine.

Thomas W. Emerson & Company received their first consignment of seed beans and peas from the northern part of New York. They expect to be pretty well cared for in this line, as they have lately gone into the raising of beans and peas on their farm at North Hero, Vermont. H. P. S.

"THE last month's advertising for the Beemer Times," says the editor, "was \$27, including what we couldn't collect. Most of it was taken out in trade, as the editor found it necessary to change socks. The brightest view we can take of the next month's advertising is \$18, most of it to be taken out in merchandise. Some merchants spend more every year for moth balls, fly paper and cheese to bait mouse traps with than a good advertising bill would amount to, and there is no better way to get your goods before the public."

WESTERN SEED COMPANY,

Largest Wholesale and Retail Growers of Field Seed Corn in the U. S. We do a general retail mail order business in all kinds of Field, Garden and Flower Seeds. We are always in the market to buy or to sell all kinds of seeds in large or small quantities. If interested, ask for our FREE ANNUAL SEED CATALOG.

WESTERN SEED CO., Shenandoah, Iowa.

THE HARDY ANNUAL OF THE CENTURY

Nicotiana Sanderae

Silver Medal Massachusetts Horticultural Society 1904. Gold Medals and First-Class Certificates awarded at principal European Exhibitions.

Thousands of glowing carnice blossoms produced on a single bush. Seeds in original packets from seedmen throughout the United States.

SANDER & SONS, St. Albans, England.

WHOLESALE AGENTS FOR THE UNITED STATES:

HENRY A. DREER Chestnut St., Philadelphia, Pa.
J. M. THORNBURN Cortlandt St., New York.
VAUGHAN'S SEED STORE, Chicago and New York.

Please mention the American Florist when writing.

DREER'S SUMMER FLOWERING BULBS.

The Begonias and Gloxinias offered by us are the best which skill and careful selection can produce, they are grown for us by one of the most expert European specialists.

Tuberous Rooted Begonias.

Single Flowered, Scarlet, Crimson, White, Yellow, Rose and Orange, 40c per dozen; \$3.00 per 100; \$25.00 per 1000.

Choice Single Flowered in Mixture, 35 cents per dozen, \$2.50 per 100; \$22.00 per 1000.

Double Flowering, Scarlet, Rose, White and Yellow, 65 cents per dozen; \$5.00 per 100; \$40.00 per 1000.

Choicest Double Flowering in Mixture, 50 cents per dozen; \$4.00 per 100; \$35.00 per 1000.

New Hybrid Frilled Tuberous Begonias.

A most unique form with flowers of immense size, with wavy or frilled petals similar to the best forms of single petunias, 25c each. \$2.50 per doz.; \$20.00 per 100.

Gloxinia Crassifolia Grandiflora.

A very fine selected strain, strong, well-matured bulbs, Red, White, Blue, Red with white border, Blue with white border, in separate colors or in choicest mixture, 50c per dozen; \$4.00 per 100; \$35.00 per 1000.

Fancy Leaved Caladiums.

A choice selection of 25 distinct named varieties, fine large bulbs, \$1.25 per dozen; \$10.00 per 100. Choice mixed varieties, \$1.00 per dozen; \$8.00 per 100.

Our Quarterly Wholesale List has just been issued and offers a full line of seasonable Plants, Seeds and Bulbs.



HENRY A. DREER, Philadelphia, Pa.



NEW CROP FLOWER SEEDS

FOR PRESENT SOWING.

10 PER CENT SPECIAL CASH DISCOUNT. On orders over \$2.00 for Flower Seeds if the cash is enclosed. This discount does not apply to Asparagus Seed. Cash discount on this is 2 per cent.

We are HEADQUARTERS for Greenhouse Grown Seed of ASPARAGUS PLUMOSUS NANUS.

Asparagus Plumosus Nanus.

| | Trade Pkt. | Oz. |
|--------------------------------------------------------------------------------------------------------|------------|-----|
| Ageratum, Imperial Dwarf, blue..... | 10 | .25 |
| Imperial Dwarf, white..... | 10 | .25 |
| Blue Perfection, dwarf new..... | 10 | .30 |
| Princess Pauline, fine for pots and borders..... | 10 | .30 |
| Princess Victoria Louise, new, beautiful blue and white flowers, plants compact and free-blooming..... | 10 | .60 |
| Alyssum Sweet..... | 10 | .65 |
| Alyssum Little Gem, extra fine strain..... | 10 | .35 |
| Ampelopsis Veitchii..... | 10 | .10 |

ASPARGUS PLUMOSUS NANUS.

New Crop, Greenhouse Grown Seed, per 100 seeds, 75c; 250 seeds, \$1.50; 1,000 seeds, \$5.00.

Plumosus Robustus, new, per 100 seeds, \$1.00; 1,000 seeds, \$10.00.

Sprengeri, 100 seeds, 15c; 1,000 seeds, 75c; 5,000 seeds, \$3.25.

Write for prices on larger lots on above three.

Decumbens, 100 seeds, 50c; 1,000 seeds, \$4.00.

Scandens Delicatus, suitable for hanging baskets and to cut, 100 seeds, \$1.25.

Comorensis, per 100 seeds, \$1.25; 1,000 seeds, \$10.00.

ASTERS.

| | Trade Pkt. | 1/4 Oz. | Oz. |
|--------------------------|------------|---------|-----|
| Queen of the Market..... | 10 | .20 | .50 |
| White..... | 10 | .20 | .50 |
| Pink..... | 10 | .20 | .50 |
| Scarlet..... | 10 | .20 | .50 |
| Light blue..... | 10 | .20 | .50 |
| Dark blue..... | 10 | .20 | .50 |
| Mixed..... | 10 | .15 | .40 |

Branching or Sample,

| | Trade Pkt. | 1/4 Oz. | Oz. |
|--------------------|------------|---------|-----|
| White..... | 10 | .20 | .50 |
| Rose pink..... | 10 | .20 | .50 |
| Lavender..... | 10 | .20 | .50 |
| Red..... | 10 | .20 | .50 |
| Purple..... | 10 | .20 | .50 |
| Light blue..... | 10 | .20 | .50 |
| Daybreak pink..... | 10 | .20 | .50 |
| Mixed..... | 10 | .20 | .50 |

Vaughan's Upright White Branching.....

Vaughan's Upright Pink Branching.....

Early Flowering Hohenzollern Aster. Like the

Giant Comet as to habit and shape of flowers, and about twice as large as those of the Queen of the Market, while just as early as that variety. One of our German seed grower friends writes us: "This is the most perfect of all White Asters up-to-date." White or Rose, each, trade pkt., 25c; 1/4-oz., 40c; oz., \$1.50.

New Ever-Blooming Aster, "IDEAL." This

new Aster produces, perhaps, more salable cut flowers to a plant than any other kind. The plants grow from 16 to 18-inches high and are in bloom from the beginning of August to the end of September almost uninteruptedly. In shape the flowers resemble the Victoria type, except that the petals are looser so as to give the flowers a very graceful appearance. White, light blue, dark blue, crimson, each, trade pkt., 15c; 1/4-oz., 30c; oz., \$1.00.

New Aster, Cactus-Flowered, White. Has twisted petals, like a Cactus Dahlia, pure white, long stem, extra, 1/4-oz., 50c.

Balsam, Alba Perfecta. This is the

largest and best double white Balsam, unequalled in doubleness and large size of its camellia-shaped flowers.....

Begonia, Single, Tuberous-rooted, Giant Flowered, mixed.....

Begonia, Double Tuberous rooted, Giant Flowered.....

Begonia Vernon.....

Bellis or Double Daisy, Vaughan's Mammoth Mixture.....

.....

Bellis or Double Daisy, Trade Pkt. Oz.

Vaughan's Mammoth White.....

Vaughan's Mammoth Pink.....

Longfellow, dark pink.....

Snowball, dbl. white, 1/4 oz., 35c.....

Candytuft, Giant Hyacinth-Flowered. This improved strain is superior to Empress.....

Canna, Crozy sorts, extra choice mixed.....

Celosia, President Thiers. This is a splendid variety which is so much and effectively used in our parks.....

Celosia Thompsoni Magnifica. This novelty represents the most perfect strain of the feathered or ostrich plumed Cockcomb. The plants have a true pyramidal branching growth, and the flower spikes vary in the most magnificent colors, ranging from the clearest yellow to the darkest blood red. Of great value for all decorative purposes in and out of doors. Pkt., 10c; 1/4-oz., 25c.

Centaurea Candidissima (Dusty Miller) 1,000 seeds.....

Centaurea Gynnocarpa.....

Clematis Pauciflora, white, sweet scented.....

Cineraria Maritima "Diamond." This is one of the finest foliage bedding plants. The leaves are broad, snow-white and lasting superior to the older varieties.....

Cineraria Maritima Candidissima.....

Colosa, Mammoth Rainbow Mixture, a very fine mixture.....

Colosa, Large Leaved Sorts, extra choice mixed.....

VAUGHAN'S GIANT-FLOWERED CYCLAMEN.

Pure White (Mont Blanc) 100 seeds, 65c.....

Dark Crimson.....

Rosa von Marienthal, "Daybreak" 250 seeds of any one kind at the 1000 rate.

Dark Rose.....

White with Carmine Eye.....

Rubin, new, the darkest good red, 100 seeds, \$1.50.

White Fringed, very fine flower, 100 seeds, \$1.00.

Extra Choice Mixed, per 100 seeds, 50c; 250 seeds, \$1.15; 1,000 seeds, \$4.50; 5,000 seeds, \$8.00.

New Giant Orchid-Flowered Cyclamen, Pure White, Red, Pink, White, with carmine eye, and Lilac Colored, each per 100 seeds, \$1.00, 1,000 seeds, \$9.00.

Giant Orchid-Flowered Cyclamen in choicest mixture, 25 seeds, 25c; 100 seeds, 85c; 1,000 seeds, \$8.00.

DAHLIA, Burbank's Selection. The seed we offer is of L. Burbank's own saving, and he writes: "This seed will produce a greater proportion of large, clear, bright colored, perfect double flowers than any ever before offered; 90 per cent of good flowers can be expected." The colors are salmon, light and dark crimson, deepest purple to maroon and almost black, light straw, deepest yellow and a few white, mostly of the Cactus type. Blooms the first year from seed. Pkt. (100 seeds) 50c.

Dracaena Indivisa.....

Burbank's New Shasta Daisies.....

Vaughan's Early and Late Flowering Forget-me-not.....

Geranium, Apple-scented, 200 seeds, 25c; 1,000 seeds, \$1.00.

Gloxinia Hybrida, Vaughan's Columbian Mixture, Pkt. (1,000 seeds) 50c; 3 pkts. for \$1.25.

Grevillea Robusta (Silk Oak).....

Heliotropium, mixed.....

Lemotie's Giant, extra choice mixd.....

IPOMEA Noctiflora, Moonflower— Trade Pkt. Oz.

White seeded.....

Black seeded.....

New Hybrid, blooms early.....

New Giant Pink.....

Lemon Verbena.....

Linaria (Kenilworth Ivy).....

Lobelia, Crystal Palace Compacta.....

Speciosa, dark flowers and foliage, for hanging baskets.....

Imperator William, dwarf.....

Bedding Queen.....

Matricaria Capensis fl. pl. Double White Feverfew.....

Maurandya, Mixed.....

Mimulus (Musk Plant).....

Musa Ensete, 100 seeds, \$1.00.

Nicotiana Sanderae, with large bright carmine flowers.....

Pandanus Utilis, 100 seeds, \$1.00.

PANSIES.

Vaughan's Up-to-Date "International"

Received the only reward for Mixed Pansies at the World's Fair. It is to-day better and more complete than ever. It contains the cream of the stock of 10 Pansy Specialists. There is no better mixture in existence, as all the florists who saw or used it can tell you. Price per oz., \$10.00; 1/2 oz., \$5.00; 1/4 oz., \$1.50; trade pkt., 50c.

Vaughan's "Giant Mixture."

This mixture is specially made by us from all the separate colors of Giant Trimaudeau, the Giant Bugnot and Cassier and several special strains which cannot be had any other way. If your trade demands large flowers there is no better mixture. Price 1/4 lb., \$4.00; oz., \$4.00; 1/2 oz., 60c; trade pkt., 25c.

Vaughan's Premium Mixed, per pkt., 25c; 1/2 oz., 80c; 1/4 oz., \$3.00; oz., \$5.50.

Chicago Parks Bedding, "Choice Mixed" pkt., 10c; 1/4 oz., 30c; oz., \$1.00; 4 oz., \$3.00.

Petunia, Vaughan's Best Mixture of Large Flowering Petunias, trade pkt., (1,000 seeds) 50c; 3 pkts. for \$1.25.

Petunia, Howard's Star. Distinct from Inimitable, or Bloched and Striped. The color is a rich velvety crimson-maroon; a splendid sort for borders, hanging baskets, vases, etc. Pkt. (500 seeds) 25c.

Petunia, Vaughan's Double Petunias, mixed, trade pkt. (500 seeds) \$1.00.

Petunia, Double pure white, 250 seeds, 50c.

Petunia, Extra Large Flowering, double fringed. This extra choice strain produces about 30 per cent of splendid double fringed flowers. Trade pkt. (500 seeds) 60c; 1,000 seeds, \$1.00.

Pyrothrum, Golden Feather.....

Salvia Splendens, Clara Bedman (Bonfire).....

"Drooping Spikes".....

Silverspot.....

Fireball, new, best of all.....

Smilax, new crop, 1/4 lb., 70c; lb., \$2.50.

STOCKS, Large-Flowering German 10 Weeks.

Pure White, Brilliant Rose, Bright Crimson, Blood Red, Purple, Light Blue, Canary Yellow, Price each above per 1/2 oz., 40c; oz., \$2.25; pkt., 25c.

Large Flowering, extra choice mixd.....

Thunbergia, Mixed.....

"Vaughan's Best" Mixture of Verbenas.....

Verbenas Candidissima, white, 1/4 oz., 20c.....

Refiance, brightest scarlet 1/4 oz., 25c.....

Mammoth, mixed.....

Mammoth, white.....

Finely, new brilliant scarlet.....

Pink and Carmine shade.....

Vaughan's Seed Store,

NEW YORK, 14 Barclay Street.

84-86 Randolph Street, CHICAGO.

Greenhouses, Nursery and Trial Grounds, Western Springs, Ill.

The Nursery Trade

AMERICAN ASSOCIATION OF NURSERYMEN.

E. W. Kirkpatrick, McKinney, Tex., Pres.;
C. L. Watrous, Des Moines, Ia., Vice-Pres.;
George C. Seager, Rochester, N. Y., Sec'y.
Thirtieth annual convention, West Baden
Springs, Ind., June, 1905.

THE fourth convention of the National Nut Growers' Association will be held at Dallas, Tex., October, 1905.

PORTLAND, ORE.—The annual meeting of the Oregon State Horticultural Society will be held here January 10.

TRENTON, N. J.—The thirtieth annual meeting of the New Jersey State Horticultural Society will be held here January 5 and 6.

THE California Concord, a new table grape, claimed to be of great value, will be put on the market by L. H. Taft of Sawtelle, Cal.

WILLET M. HAYS, agriculturist of the Minnesota Agricultural College, was appointed Assistant Secretary of Agriculture December 12.

HYATTSVILLE, MD.—The board of trustees of the Maryland Agricultural College has appointed Prof. William H. Hutt to the position of state horticulturist.

THE nineteenth annual meeting of the Wisconsin Cranberry Growers' Association will be held in the council rooms, Grand Rapids, Wis., January 10, at 9 a. m.

NASHVILLE, TENN.—The nursery and fruit growers of this state will meet at Tulane hotel January 2, for the purpose of organizing a state horticultural society.

RIVERSIDE, CAL.—F. M. Borden has purchased the business of the Juruppa Nursery, together with all lands, stock and accounts. He is a nurseryman of fifteen years' experience.

NASHVILLE, TENN.—The Clinton Nurseries Company of Anderson county has been incorporated by E. L. Foster, J. N. Crowder, W. J. Warwick, and A. E. Williams with a capital stock of \$10,000.

New York at World's Fair.

Charles H. Vick, of Rochester, N. Y., state superintendent of horticulture and floriculture at the St. Louis exposition, said concerning his state's success at St. Louis:

"We were successful. We finished in second place, so far as the total number of prizes is concerned, but it was expected. Missouri beat us out. We couldn't ship enough fruit to St. Louis to make a good showing in all classes, and the westerners had it all their own way. They did not get more grand prizes than New York.

"New York drew a grand prize for installation and another for its general fruit collection. We were beaten on the little things.

"Eighteen gold medals have been awarded New York state so far, and it is possible that we may be given more. Of those, two were given to Ellwanger & Barry. One went to the Charlton Nursery Company and another to C. M. Hooker & Sons. These four were the only gold medals awarded the state that went to Rochester concerns. New York received 146 silver medals.

James Vick's Sons received one and D. K. Bell, of Brighton, another of that number. The bronze medals given us were 132 in number."

Washington.

The most notable features of the Christmas trade were the fine qualities of many of the potted plants, their beautiful and artistic combinations and decoration and the ever increasing demand for such high grade stock among Christmas buyers. Several of the leading stores seemed rather slow in getting their decorations and fine stock in place, but they made ample amends when they had finished their work. In flowering plants, the Begonia Gloire de Lorraine must be awarded the honors, for the beauty of many specimens was wondrous. Combined with Adiantum Farleyense it is hard to imagine a more pleasing effect than these two produce. Short poinsettias in pans were much used in combination baskets, in fact, the poinsettia, both in this form and cut, was more in evidence than ever before. The decorations of evergreen shrubs were most profuse. The araucarias with their many bows of narrow red ribbon and the Irish yews with their broad sashes were both novel and attractive. Heather was more plentiful than a year ago and there is an increasing demand for it. In combinations or separate, its effect is fine. Crotons, Dracena terminalis and magnolia leaves were much used with flowering plants in combination baskets. Azaleas were plentiful and well flowered and sold well, as did primroses and cyclamens. Cut flowers sold well and were more plentiful and of better quality than had been hoped for during the previous weeks of dull weather. In roses, American Beauty and Bridesmaid were good sellers, though others were not neglected. One leading retailer said: "I sold everything that was any good," and that about sums up the general situation.

J. H. Small & Sons had a number of beautiful combination baskets and novelties. Of the latter, one was a summer house thatched with moss and decorated with vines, the interior being filled with

choice flowering plants. A fine lot of heather was in sight at the opening, but by Saturday night it was all gone—and pretty near everything else but the ice-box and store fixtures.

J. H. Small & Sons had a high class decoration in the church of the Epiphany on December 21, the occasion being the wedding of Miss Elizabeth Glover to Jonkeer R. de Marees van Swinderen, minister from the Netherlands. The decoration of the rood-screen with lilies and chrysanthemums on smilax was an artistic piece of work.

Z. D. Blackstone had his store finely decorated. Several of his combination baskets were works of art. Another of his ideas was tying and looping a bloom of heather with narrow red ribbon.

The Center Market florists did themselves proud with decorations. Alex. B. Garden, F. H. Kramer, R. Bowdler, the American Rose Company and O. Schellhorn all made a fine showing.

A. Gude & Brother had a fine lot of American Beauty roses and azaleas, which sold well. A feature of their window was a belfry of moss, with a chime of red bells.

George H. Cooke sustained his reputation as an artistic decorator. His Irish yews, decorated with broad red ribbon, were features of one show window.

On Saturday at 6 p. m. John Robertson sent out a hurry call for six dozen tall poinsettias. He got them but it was a close shave.

J. R. Freeman, as usual, came out strong in fine azaleas, lilies, cyclamens and primroses, all grown at his Georgetown range.

J. Louis Loose had handsome decorations and a fine stock of potted plants and cut flowers, all grown in his own greenhouses.

George Shaffer had several happy combinations and a fine stock of azaleas, poinsettias and other pot plants.

The Ley Brothers did well with their adiantums and had also a good stock of cut flowers.

Maybury & Hoover had a fine stock and a great trade.

S. E.

3 Good Things For 1905 Rose Baby Rambler
Canna King Humbert
Gladiolus Princeps

VAUGHAN'S SEED STORE, Chicago and New York.

Grand New Raspberry "PENWILL'S CHAMPION"

SURPASSES ALL OTHERS. Continues fruiting over two months. Bright color, good flavor, firm fruit and strong hardy grower.

FOUR AWARDS OF MERIT.

Prices, \$24.35 per 100; \$194.80 per 1000.

GEORGE PENWILL, FRUIT GROWER, TOTNES, ENGLAND.

Please mention the American Florist when writing.

The Christmas Rush ^{IS} OVER.

Get in your order for **HARDY SHRUBS, RAMBLERS and HYBRID ROSES** for
EASTER FORCING

And Rooted Cuttings of **CARNATIONS** for Early Delivery.

CARNATIONS

ROOTED CUTTINGS.

| | Per 100 | Per 1000 |
|--------------------------------------------------------------|---------|----------|
| FIANCEE , Prize-winning Pink, March delivery | \$12.00 | \$100.00 |
| CARDINAL , Large Scarlet, January delivery | 12.00 | 100.00 |
| ECLIPSE , Dornier's New Pink, January delivery | 12.00 | 100.00 |
| RICHMOND GEM , Scarlet Money-Maker, Jan. delivery | 10.00 | 75.00 |
| CHICAGO WHITE , Rudd's New White, Feb. delivery | 12.00 | 100.00 |
| PHYLLIS , Rudd's Fine Light Pink, Feb. delivery | 12.00 | 100.00 |
| RED LAWSON , Red sport from Lawson, Jan. delivery | 10.00 | 75.00 |
| GIBSON BEAUTY , Large Light Pink, Jan. delivery | 12.00 | 100.00 |
| WHITE SWAN , Productive Pure White, Jan. delivery | 12.00 | 100.00 |
| LADY BOUNTIFUL , Best all-around White, Jan. delivery | 6.00 | 50.00 |
| NELSON FISHER , Cerise Pink, large and free | 6.00 | 50.00 |
| WHITE LAWSON , White sport from Lawson, Jan. delivery | 7.00 | 60.00 |
| INDIANAPOLIS , Bright Clear Pink, free, Jan. delivery | 5.00 | 40.00 |
| THE BELLE , Large Pure White, Jan. delivery | 6.00 | 50.00 |
| FLAMINGO , Large Brilliant Scarlet, Jan. delivery | 6.00 | 50.00 |

ALSO ALL STANDARD SORTS OF OLDER KINDS.

| | Each | Doz. | 100 |
|----------------------------------------------------------------|-------|--------|---------|
| DEUTZIA GRACILIS , pot-grown for 7-inch pots | \$.15 | \$1.50 | \$12.00 |
| LEMOINEI | .40 | 3.50 | 25.00 |
| LILAC , Chas. X and Marie Legraye, pot-grown | .85 | 9.00 | 65.00 |
| extra heavy | 1.00 | 11.00 | |
| AZALEA MOLLIS , mixed kinds, 20 buds | .40 | 4.00 | 30.00 |
| RHODODENDRONS , for forcing, bushy plants, 8 to 12 buds | 1.00 | 11.00 | |
| For forcing, large plants, 15 to 25 buds | 2.00 | 22.00 | |
| HYDRANGEAS , Otaksa, Red Branched, Thos. Hogg | | | |
| Dormant, 2-year old, pot-grown, for forcing | | 5.00 | 35.00 |
| CRIMSON RAMBLERS , strong, 2-year old | | 2.50 | 18.00 |
| | | 2.50 | 20.00 |
| DOROTHY PERKINS | | 2.00 | 15.00 |
| GRUSS on TEPLITZ | | 2.00 | 15.00 |
| MAMAN COCHET | | 2.00 | 15.00 |
| HERMOSA | | 2.25 | 16.00 |
| CLOTILDE SOUPERT , strong field plants | | 1.50 | 10.00 |
| AMERICAN BEAUTY | | 2.00 | 15.00 |
| KAISERIN AUG. VICTORIA | | 2.50 | 20.00 |
| PAUL NEYRON | | 2.50 | 20.00 |
| LA FAYE | | 2.00 | 15.00 |

Anna de Diesbach, Coquette des Alps, Captain Christy, Fisher Holmes, General Jacqueminot, John Hopper, Mad. Gabriel Luizet, Mad. Caroline Testout, Magna Charta, Marshall P. Wilder, Mrs. John Laing, Ulrich Brunner, Etc., all at... 1.50 11.00

VAUGHAN'S SEED STORE, Chicago.

Greenhouses and Nurseries,
Western Springs, Ill.

BABY RAMBLER

The New Rose

Strong dormant plants for December delivery. \$4.50 per dozen; \$35.00 per 100.

James Vick's Sons,

ROCHESTER, N. Y.



Send to **THE MOON Company**

For Trees, Shrubs, Vines
Your and Small Fruits.

Descriptive Illustrated Catalogue Free.
THE WM. H. MOON CO.
Morrisville, Pa.

HAERENS EXOTIC NURSERIES

SOMERCEM, GHENT, BELGIUM.

Furnish **PALMS, ARAUCARIAS, BAY TREES, FICUS** and other decorative plants for 1905. Spring delivery, in prime quality, carefully packed. For trade list address the American Agents

August Rölker & Sons

31 Barclay St., P. O. Box 752, NEW YORK.

Jacs Smits, Ltd. NAARDEN, (Holland.)

(BRANCH AT BOSKOOP.)

Wholesale Growers of Hardy Fancy, Ornamental nursery stock, pot-grown forcing plants. Lilacs a specialty. Berlin and Hamburg Valley—the best quality. Catalogue free on demand.

When in Europe please inspect our nurseries.
NAARDEN-BUSSUM, near Amsterdam, is our R. R. Depot.

Munson Nurseries.

New catalogue now ready. "Can't buy trees right without it." Get it of

T. V. MUNSON & SON, Denison, Tex.

The MUNSON GREENHOUSES. Cut flowers and Bedding Plants for retail trade.

WILL B. MUNSON, Denison, Tex.

Roses! Roses!

A. ROBICHON FILS, OLIVET, ORLEANS, FRANCE.

Over Half a Million Dwarfs (Grafted on Briar Stock; **NOVELTIES**).
50,000 Dwarf-Budded, Standards, Etc.

Also Fruit Tree Stock, Rose Stocks, Manetti, Griffierae, Etc.

Orders rapidly executed, and in rotation. 1904-5 Catalogue to be had Free on application to my Sole Agent for U. S. and Canada.

JOHN SCHEEPERS, 2 Old Slip, New York.

Spiraea

JAPONICA picked \$1.50 \$40.00
COMPACTA and ASTILBOIDES clumps 5.00 45.00

GLADIOLUS

COLVILLII, The Bride, white75 5.50
RUBRA, pink60 4.75

ARTHUR T. BODDINGTON,

SEEDS, BULBS, PLANTS, NEW YORK.
342 West 14th St.,

TREES and SHRUBS.

FINE VARIETIES. LOW PRICES.

For both Wholesale and Retail Trade. Send for catalogue.

Peterson Nursery, 503 West Peterson Ave
CHICAGO ILL.

Philadelphia Rambler.

Flowers brighter and much more double than Crimson Rambler, strong grower, blooms earlier and does not bleach out.

Field plants, 2 to 3 ft., \$2.00 per doz.; \$15.00 per 100
Field plants, 3 to 4 ft., \$3.00 per doz.; \$20.00 per 100

The Conard & Jones Co., WEST GROVE, PA.

W. van Kleef & Sons,

Wholesale Growers of all
kinds **NURSERY STOCK.**

BOSKOOP, HOLLAND,

Catalogue free on demand. No Agents. Please inspect our nurseries when in Europe. No agents.

New Crop Seeds FOR PRESENT SOWING.

AMPELOPSIS VEITCHI, oz. 15c; lb., \$1.00.

ARISTOLOCHIA SIPHO, oz., \$1.25.

CLEMATIS PANICULATA, oz., 50c; lb., \$4.50.

Vaughan's Seed Store,

14 Barclay St., NEW YORK. P. O. Box 688, CHICAGO.

Please mention the American Florist when writing.

BELMONT, MASS.—Otto Strassenburg, who has been with W. W. Edgar for the past year, has resigned and gone to Florida for the benefit of his health.

NEWBURGH, N. Y.—The Yuess Gardens Company has been incorporated at the office of the secretary of state in Albany, with a capital of \$20,000, and R. H. Cathcart, Oswald J. Cathcart and Henry L. Force, of this city, as directors. The new company will conduct the greenhouse business at West Newburgh, which was recently purchased by R. H. Cathcart from Dr. Wesley Wait.

Our Pastimes

Announcements of coming contests or other events of interest to our bowling, shooting and sporting readers are solicited and will be given place in this column.

Address all correspondence for this department to J. H. Pepper, 429 Sixth Ave., New York; Robt. Kift, 1725 Chestnut St., Philadelphia; or to the American Florist Co., Chicago

At Boston.

The members of the Seed Trade Bowling League are making preparations for a grand sleighing party for the employees of the trade, to take place sometime during the middle of January. The league match game of the bowling league has been postponed until January 2, when there will be another double header.

At Washington.

The Fat Men beat the Florists December 19. The scores follow:

| FAT MEN. | | | | |
|---------------|-----|-----|-----|--|
| Player. | 1st | 2d | 3d | |
| Harlow | 191 | 154 | 149 | |
| Waters | 200 | 164 | 211 | |
| Brandt | 178 | 161 | 187 | |
| Rice | 170 | 163 | 185 | |
| Rodrick | 180 | 193 | 205 | |
| Totals | 929 | 839 | 937 | |

| FLORISTS. | | | | |
|----------------|-----|-----|-----|--|
| Player. | 1st | 2d | 3d | |
| Cooke | 154 | 179 | 166 | |
| Shaffer | 183 | 146 | 151 | |
| Barry | 175 | 174 | 119 | |
| McLennan | 163 | 125 | 190 | |
| Simmons | 138 | 151 | 147 | |
| Totals | 796 | 775 | 773 | |

Monmouth Horticultural Society.

The annual dinner of the Monmouth County Horticultural Society was held at the Sheridan hotel, Red Bank, N. J., Thursday evening, December 22. Forty-six members were seated at the table and each assisted in making the occasion a grand affair. Patrick O'Mara, famous as toastmaster, surpassed himself and took the society and its guests by storm. Speeches were made by our incoming president, George H. Hale, and outgoing president, William Turner. N. Butterbach, the organizer, was called upon to speak on the society. Other speakers were Vice-president A. G. William, Secretary H. A. Kettel, Financial Secretary George R. Kuhn and Treasurer W. W. Kennedy. Dr. W. S. Whitmore gave an example of his eloquence, as did John Yeomans, who was elected the official speaker of the society. John Scott spoke for Tarrytown, N. Y., and Charles Totty, in a very able manner, did the same for Madison, N. J.

Mr. Totty and Peter Duff were the judges at the last exhibition. There was a close competition in the class of six yellows between Appleton and Thirkell, and it seems that, after the judging, a few remarks were made by the exhibitor of Thirkell. Then Peter said that it was Charlie who gave Appleton the first prize and Charlie said that Peter gave Appleton the prize. It happened that these two judges came to the dinner in the same train and during the ride prepared an amusing poem which was duly presented at the dinner. B.

Millwaukee.

Trade for Christmas week was the heaviest ever experienced here, every one in the business noting an increase. While

stock of all kinds was in heavy demand on Thursday, Friday and Saturday, the first part of the week saw plenty of stock with but light call. The average returns to growers will no doubt fall below previous seasons owing to the fact that it was impossible to get the high prices for stock during the first part of the week. American Beauty and Liberty roses were in great demand and were far short in supply. Red carnations, Lawson and Enchantress sold the best in the carnation line while there was an oversupply of white and same had to be sold at lower figures during the latter part of the week. Violets did not realize the high prices of former years. Bulbous stock sold at fair figures. There was an immense demand for flowering plants, such as azaleas, poinsettias, cyclamens, begonias and in fact any plant in bloom. Boston ferns and kentias also came in for a share of the demand. Holly was closed out early in the week at good figures. There was plenty of bouquet green to go around, the demand being light. The folding bell was the biggest seller on the market this year and immense quantities of the same were disposed of, in fact every store was cleaned out of them early in the week. Winterberry was used to good effect in wreaths of boxwood.

M. A. McKenney Company's new ice box added materially to the appearance of their store. Large quantities of plants and flowers were disposed of from this place.

B. G. Lambros used Begonia Gloire de Lorraine to good effect in his window decoration, and he reports ready sale for the plants.

Currie Brothers were heavy in plants and flowers and they are more than pleased with the trade.

J. M. Fox made the poinsettias a prominent feature of his window and the effect was very good.

Wm. Edlefsen reports that his business was the biggest one in his forty years' experience.

E. Welke, who had a very fine lot of cyclamens, cleaned them out early in the week.

Mrs. Ennis, the Plankinton house florist, has installed an elegant new ice box and counters and her place is now one of the prettiest in town. V. H.

St. Louis.

Christmas has come and gone and from all reports it gladdened the hearts and filled the pockets of the craft. The usual complaints come from retailers as to the high prices demanded for stock and the scoldings they got from their customers, some of whom they claim refused to buy. Stock was very scarce all week, but Friday and Saturday it commenced to arrive. Bulbous stock was plentiful and sold at low figures. Valley sold for 3 and 4 cents, Harrisii lilies at 15 cents, smilax from 12½ to 15 cents, stevia at 25 and 35 cents a bunch. California violets were plentiful at \$2 per 100. Prince of Wales brought \$2.50. Carnations were cleaned out completely. White carnations, however, had to be sold cheap. Reds, Enchantress and Lawson brought \$6 to \$8. Roses were sold at \$4 to \$8, fancy ones \$10 to \$15, and a few extras at \$20. American Beauty were very scarce, bringing \$12 to \$15 a dozen for long stems and for mediums and short \$1 to \$10 per dozen. Green was very good and plentiful, while holly in general was not up to quality as in former years, although some fine holly

was to be seen. It seems to your correspondent if more care were taken in selecting holly which is well berried it would bring a good price all around. Lots of holly arrived all foliage and no berries, and those who had to make it up into wreaths found it impossible to make wreaths with any showing of berries. Red folding bells seemed to be all the go and west end florists report good trade in all fancy articles and blooming plants. Stock was very scarce Sunday and is now.

At one wholesale house shipments of carnations and roses arrived that plainly showed they had been pickled by the grower. This is a great injustice to the commission man and the grower should learn a lesson, for to expect high prices for such stock is out of the question.

Ellison Floral Company had a grand window display and was busy all week with some of the handsomest and most costly decorations in town. Mrs. Ellison is well known as a fine designer.

F. J. Foster this week lost his only daughter, aged eight years, who died after an illness of but a few days. He has the sympathy of the trade.

H. G. Berning was sold entirely out of holly, green and mistletoe. He had some fine Christmas Eve chrysanthemums which sold at sight. W. F.

ALGONA, IA.—The H. A. Richardson Company is in bankruptcy.

Laurel! Laurel!

We handle the best Laurel on the market, at the following prices: Top Laurel, 45c large bundle; \$2.75 per bale. Short Laurel, 8c per lb. Sphagnum Moss, 50c per sack. All mail orders receive our prompt and careful attention.

J. O. THOMAS & CO., Derry, N. H.
Please mention the American Florist when writing

HEADQUARTERS FOR
"SUPERIOR QUALITY"
BRAND
Wild Smilax
ALWAYS ON HAND, AND
IN ANY QUANTITY.
NONE BETTER.
E. F. WINTERSON CO.,
45-47-49 Wabash Avenue,
CHICAGO.

Please mention the American Florist when writing.

RED SPORT (OF MACEO,) The NEW "BREAD and BUTTER" Brilliant Red Commercial Carnation

WHAT SOME OTHER PEOPLE SAY ABOUT IT:

WASHINGTON, D. C., December 19, 1904.
1214 F Street N. W.

A. B. DAVIS & SON, Purcellville, Va.

GENTLEMEN:—Please make our order for rooted cuttings of **RED SPORT** 2,000 instead of 1,000.

The bloom you sent in to-day were certainly very fine. We have been watching this promising new red for three years and the more we see of it and the longer we sell it over the counter the better we like it.

We do not make a practice of going in very strong on the new varieties the first year they are sent out, but after seeing **RED SPORT** growing and blooming at your place last Tuesday, we are convinced it is a great Christmas carnation, and an all around money maker, and we wish to increase our order as stated above. Your very truly,

A. GUDE & BRO.

CHICAGO, February 8, 1904.

A. B. DAVIS & SON, Purcellville, Va.

GENTLEMEN:—Your letter and **RED SPORT** of Maceo came to hand Friday. We waited to see how carnations would keep before writing you. The color and keeping qualities are the best and if it blooms as freely as Maceo it is a good one. Very respectfully yours,

BASSETT & WASHBURN.

KENNETT SQUARE, PA., October 14, 1904.

A. B. DAVIS & SON, Purcellville, Va.

DEAR SIR:—Yours 12th at hand and I will be glad to include your **RED SPORT** of Maceo in our list and believe it will meet with good sale. You may book my order for 2,500 of them to start with. I think you have a good thing and I congratulate you. Very truly,

WM. SWAYNE.

WHAT WE HAVE TO SAY ABOUT RED SPORT:

THIS New "Bread and Butter" commercial brilliant Red Carnation, now in its fourth year, has the hardy constitution of Gen. Maceo, with a stronger, heavier growth, longer and stiffer stem and larger flower. Growing under the same conditions and in the same house with Flamingo and Estelle, it has produced four times as many flowers as the former and twice as many as the latter. The color is as good as Estelle and the bloom brings as much as does Estelle at its best. Every flower is of a uniform, brilliant red, perfectly double, with an ideal calyx; in fact, we have never seen a split one.

RED SPORT is perfectly healthy, an easy variety to grow, an early and continuous bloomer, throwing its heaviest cuts around the Christmas holidays and during the winter months, when red is in demand. **RED SPORT** will keep longer and travel farther than any other red carnation, and will prove a bonanza to growers doing a shipping business. If the scarcity of reds in the market that now exists continues, **RED SPORT** will pay better to the square foot of bench room than any other variety of any color to date.

Every florist who has seen **RED SPORT** growing has placed an order for rooted cuttings, which tells the tale.

All our rooted cuttings are sold until January 25. Orders filled in strict rotation from above date on. Prices, 12 for \$1.50; 25 for \$2.50; 50 for \$4.00, postpaid. \$6.00 per 100; \$50.00 per 1000 by express. We guarantee cuttings to be well rooted and to arrive in good condition.

A. B. DAVIS & SON, Carnation Specialist, **Purcellville, Va.**

THE CARDINAL.

DESTINED TO BE THE STANDARD SCARLET CARNATION.

Brings Highest Price of Any Variety on the Chicago Market.



THE CARDINAL as Grown by the Chicago Carnation Co. Photographed December 20, 1904.

For an all around fancy and commercial carnation **THE CARDINAL** cannot be beaten.

You are cordially invited to come and see it growing.

Won first prize for best 100 scarlet, Detroit meeting, March 1904. Also the S. A. F. Medal and A. C. S. Certificate.

January cuttings all sold. Place your order NOW for February 1st Delivery.

Strong Cuttings well rooted, per 100, \$12.00; per 1000, \$100.00. 250 at 1000 rates.

Introducers { **E. G. HILL COMPANY, Richmond, Ind.**
CHICAGO CARNATION CO., Joliet, Ill.
S. S. SKIDELSKY, Philadelphia, Pa.

Columbus.

A \$200,000 fire in the Deshler block came near putting two of our leading florists out of business for the holidays. Fortunately these two firms, C. A. Roth and Graff Brothers were ready for business in twenty-four hours from the time the fire started. The stock and fixtures of C. A. Roth were damaged to the extent of \$150 and that of Graff Brothers to the amount of \$1,000. They are congratulating themselves that it was not worse.

The Livingston Seed Company is doing a business this season which surpasses anything in the history of that firm. They handled the finest holly in the city and supplied most of the local firms at a very satisfactory price.

The Fifth Avenue Floral Company reports a rushing business with stock in good condition. The firm is having a fine cut of smilax and bulbous stock for which there is a good demand.

The carnation crop at the Franklin Park Floral Company is a sight worth seeing. Especially is this true of the Enchantress and Lawson.

The display window of Miss Hellenthal is made striking with poinsettias, stevia and white lilacs.

CARL.

Colorado Springs, Col.

J. B. Braidwood has purchased the interest of William Clark in the greenhouses which bear the latter's name. The deal is one of the largest which has been consummated in Colorado Springs for years, as it involves a consideration of approximately \$50,000. It is understood to cover the stock, good will and houses at the Platte and Wahsatch avenue establishments and the nurseries on Wood avenue.

The purchaser is a son-in-law of the former owner. He has been associated in the business for years and for some time has been its directing spirit. He is known as one of the most progressive of the younger business men of the city. The business was established in 1875 in an humble way. Since that time it has steadily grown under Mr. Clark's efficient care until it has become the largest of its kind west of Chicago. The houses are equipped with every modern convenience.

The annual report of the El Paso County Horticultural Society, which has just been issued, shows that the receipts for 1904 were less than usual, curtailing somewhat the work planned, but that by careful planning and strict economy the society has kept free from debt.

Oceanic, N. J.

The cold, chilly rain and sleet did not hurt the Christmas business much at Red Bank, N. J. H. G. Corney sold out. He had to send to New York for more flowers and even with those he ran short. He reports very brisk trade in Christmas greens, better than any other year. Plant trade is moving more slowly than in previous years. American Beauty roses sold at \$16 to \$18 per dozen, Bride and Bridesmaid, \$12 to \$15 per 100; carnations, \$8 to \$10 per 100.

Frank McMahon, of Seabright, N. J., is shipping from 1,000 to 1,200 Bride and Bridesmaid roses per day to New York. He has only half a crop, but will have a fine crop for the middle of January.

Dean & Company, Little Silver, N. J., are shipping 2,000 to 2,300 roses per day to New York. B.

World's Fair Prize Winners

THE NEW WHITE CHRYSANTHEMUMS

Majestic and Adelia

90 points

Commercial Scale

89 points.

Having an immense stock of these sterling varieties we have decided to offer them at the following prices: Rooted Cuttings, \$3.00 per dozen; \$15.00 per hundred; \$125.00 per thousand. From 2-inch pots 5 cents additional.

Carnations, **WHITE LAWSON**, R. C., \$6.00 per 100; \$50.00 per 1000. **FLAMINGO**, \$6.00 per 100; \$50.00 per 1000.

The New Pink Rose LA DETROIT.

Fine field-grown, immediate delivery, \$15.00 per 100; \$125.00 per 1000.

JOHN BREITMEYER'S SONS, DETROIT, MICH.



Please mention the American Florist when writing.

Richmond Gem.

The finest commercial scarlet ever introduced. Place your order early. Send for circular.

Price, \$10.00 per 100; \$75.00 per 1000.

B. K. & B. Floral Co. RICHMOND, IND.

CRISIS

This **NEW CARNATION** has been thoroughly tried the last two years and is the best scarlet Carnation we have ever seen. It is a money maker. Send for descriptive circular. Price, \$12.00 per 100; \$100.00 per 1000.

J. L. DILLON, Bloomsburg. Pa.

Wm. Duckham

Extra Fine Clumps, \$1.00 per doz.

Rooted Carnation Cuttings.

| | Per 100 | Per 1000 |
|--------------|---------|----------|
| WHITE LAWSON | \$6.00 | \$50.00 |
| FLAMINGO | 5.00 | 40.00 |
| ENCHANTRESS | 3.50 | 30.00 |
| THE QUEEN | 2.50 | 20.00 |

CARDINAL.

January delivery.....\$12.00 per 100

LARCHMONT NURSERIES
LARCHMONT, N. Y.

NEW CARNATION

WM. PENN.

A very pleasing shade of pink, the best bloomer I ever saw, and a good healthy grower. Everyone who grows carnations should plant this variety. Send for descriptive list of this and other varieties. Price, per 100, \$10; per 1000, \$75.

| | Per 100 | 1000 | | Per 100 | 1000 |
|--------------|---------|---------|----------------|---------|---------|
| Queen Louise | \$1.25 | \$10.00 | Floriana | \$1.50 | \$12.50 |
| Lillian Pond | 1.50 | 12.50 | Mrs. Roosevelt | 1.50 | 12.50 |
| Mrs. Nelson | 2.00 | 15.00 | Harry Fenn | 1.50 | 12.50 |

ALBERT M. HERR, Lancaster, Pa.

Wm. P. Craig, 1224 Cherry St., Philadelphia, Pa.

Representing Joseph Heacock and John Burton, Assignees.

PALMS, FERNS, CROTONS and DECORATIVE PLANTS.

THE NEW RED ROSE RICHMOND.

Every Florist in the Country Will Need Some of This Great Forcing Variety.

It is bright pure scarlet. Has long buds. On long straight stems. It is so near pure tea that it never goes dormant in winter. It is easy to propagate. Easy to grow. Likes a soil and temperature similar to those given to Bride and Maid. Is quite as free in bloom as Bride and Maid. Was awarded the Silver cup for best new seedling rose at the World's Fair and Special Silver Cup at the Chicago Show for same. **PRICES: \$30.00 per 100; \$70.00 per 250; \$250.00 per 1000.** (500 at 1000 rate.) April 1st Delivery.

ROSALIND ORR | ENGLISH.

Received Certificate at Chicago Show. An exquisite pink rose, the brightest tint possible. Has long full buds, on long stiff stems. Very free in bloom and of the easiest management. Easy to propagate. Has beautiful foliage and is very effective when full blown. **\$25.00 per 100; \$200.00 per 1000.**

Come to Richmond and See These Two Grand New Roses.

Carnations

CARDINAL. A red variety that will delight every grower. It has COLOR, TEXTURE, CONSTITUTION, HABIT, FREEDOM—All of the very best. Come and see it growing. Also **FIANCEE** and **FRED. BURKI.** All at \$12.00 per 100; \$100.00 per 1000

Chrysanthemums.

A MAGNIFICENT COLLECTION OF NOVELTIES. WE HAVE NINE CERTIFICATES. AWARDS BY THE C. S. A.

Our own seedling, commercial white DR. GALLOWAY.

The early white, C. TOUSET, (October 8.)

The late white, JEANNIE NONIN, (November 18). Winner of the Silver Cup and Sweepstakes at Chicago.

The Two Commercial Yellows: REVEIL de BELGES, (October 15) and ROI d'ITALIE, (October 22) and

The 4 Grand Exhibition Sorts: Mlle. ANNA DEBONO.

SOUV. de CALVAT PERE, MME. EMILE LEMOINE, PREFET BONCOURT.

All at \$35.00 per 100; \$5.00 per dozen; 50c each. Also the.

CALVAT SET. THE AUSTRALIANS and WELLS-POCKETT for 1905. THE MARQUIS OF PINS SET.

Besides BRUANT'S, ROZAIN'S and NONIN'S BEST. All at the same price as above except MRS. WM. DUCKHAM, which is held at 75c each; \$7.50 per dozen; \$50.00 per 100.

WRITE FOR NEW LIST.

The E. G. HILL CO., Richmond, Ind.

HEAVILY ROOTED Carnation Cuttings.

1,500 PROSPERITY,
2,500 JOOST,
1,000 QUEEN LOUISE,
250 ALBERTINI,
200 HIGINBOTHAM,
100 CRESSBROOK.

\$2.00 per 100; \$17.50 per 1000 while they last. C. O. D. or if cash is sent with order express will be prepaid.

South Bend Floral Co.
SOUTH BEND, IND.

Please mention the American Florist when writing.

ROOTED Carnation CUTTINGS and Orange Trees.

LARGE STOCK.

Write for Prices.

THE PHILIPPI NURSERIES,
ROCKLIN, CAL.

Please mention the American Florist when writing.

Roses for Spring Blooming.
The proper sorts. Clothilde, Souper, General Jacqueminot, Ulrich Bruner, La France, Magna Charta, Crimson Rambler, etc.; fine field-grown plants that have never been forced, suitable for 5-inch pots, at 7c; larger for 6-in., at 12c. Crimson Rambler, XXX, long tops, 20c. Large-flowered Clematis, finest purple, lavender, white and red sorts—2-year at 18c; 1-year, at 9c. Hydrangea pan. grand., fine bushy plants, 8c. Other shrubs etc., in cellar, priced on application. Packing free for cash. **W. H. SALTER, Rochester, N. Y.**

Please mention the American Florist when writing.

Rooted CARNATION CUTTINGS

NOW READY

THESE LOW PRICES GOOD ONLY UP
TO DECEMBER 25th...

| WHITE. | | Per 100 | 1000 |
|---------------------------|--|---------|---------|
| Queen Louise..... | | \$1.00 | \$10.00 |
| Flora Hill..... | | 1.00 | 10.00 |
| Alba..... | | 1.40 | 12.50 |
| Gov. Wolcott..... | | 1.00 | 10.00 |
| Norway..... | | 1.00 | 10.00 |
| Lillian Pond..... | | 1.40 | 12.50 |
| Chicot..... | | 1.20 | 10.00 |
| PINK. | | | |
| Mrs. Thos. Lawson..... | | 1.40 | 12.50 |
| Eacharess..... | | 3.50 | 30.00 |
| Mrs. Joost..... | | 1.00 | 10.00 |
| Success..... | | 1.00 | 10.00 |
| Mermaid..... | | 1.00 | 10.00 |
| Cressbrook..... | | 1.00 | 10.00 |
| Pres. McKinley..... | | 1.40 | 12.50 |
| Mrs. Theo. Roosevelt..... | | 1.40 | 12.50 |
| SCARLET. | | | |
| G. H. Crane..... | | 1.00 | 10.00 |

Special prices on large lots. Unrooted pips at half price of above. 25 at 100; 250 at 1000 rates. Express prepaid at above prices. Cash or C. O. D. with privilege of examining.

LOOMIS FLORAL COMPANY, Loomis, Cal.

Carnations ROOTED CUTTINGS.

Send for price list of all the new and standard sorts.

Wm. Swayne, Box 226,
Kennell Square, Phila.

Roses Rooted Cuttings

January Delivery.

Bride, Bridesmaid, Golden Gate, Ivory, \$1.25 per 100; \$10.00 per 1000. Selected from healthy grafted stock. Satisfaction guaranteed. 250 at 1000 rate. Cash or satisfactory references.

BAUR FLORAL CO., 20 W. 10th St., Erie, Pa.

| SCARLET. | | Per 100 | 1000 |
|---------------------|--|---------|-------|
| America..... | | 1.00 | 10.00 |
| Potter Palmer..... | | 1.00 | 10.00 |
| Estelle..... | | 1.40 | 12.50 |
| J. H. Manley..... | | 1.50 | 15.00 |
| Apollo..... | | 1.50 | 15.00 |
| CRIMSON. | | | |
| Harlowarden..... | | 1.40 | 12.50 |
| Gov. Roosevelt..... | | 1.20 | 10.00 |
| YELLOW. | | | |
| Golden Beauty..... | | 1.40 | 12.50 |
| Eldorado..... | | 1.00 | 10.00 |
| VARIEGATED. | | | |
| Prosperity..... | | 1.40 | 12.50 |
| Marshall Field..... | | 1.40 | 12.50 |
| Stella..... | | 1.40 | 12.50 |
| Armazindy..... | | 1.00 | 10.00 |
| Viola Allea..... | | 1.20 | 11.00 |
| Gaiety..... | | 1.20 | 11.00 |

—WRITE—

GEO. A. KUHL, Pekin, Ill.

For Price List of Rooted Cuttings and 2x24-in. Roses of following varieties: Brides, Maids, Golden Gate, Ivory, Meteor, Souv. de Wootton, Aug. Vic. Kaiserin, Perle des Jardins, Belle Siebrecht, La France, President Carnot, General MacArthur, La Detroit, American Beauty.

National Florists' Board of Trade.
Office: 56 Pine Street, New York.

Credit Reference Book. A subscription to our Credit List will cost you \$10 a year, and it may save you \$100 the first month. Special Reports. We make a specialty of this part of our work. Collections. We collect slow and doubtful accounts. Why not go through your books at once and send us all the claims that are in arrears?

Cleveland.

Christmas is over and everybody seems satisfied with the business done. The consensus of opinion among the retailers is that the volume of business was on a par with that of last year. The demand for good pot plants is on the increase and the demand exceeded the supply, except in Begonia Gloire de Lorraine, of which there was a noticeable falling off in the demand. Poinsettias, azaleas, ardisias and cyclamens sold well. In cut flowers everything red and pink sold out clean, there being not enough red to go around.

The Cleveland Cut Flower Company handled an exceptionally fine line of American Beauty roses which brought from \$3 to \$12 per dozen. Teas sold from \$6 to \$15 per 100; carnations from \$4 to \$8 per 100. All white stock lagged. Paper Whites and Romans were a glut. Violets did not sell as well as other years. Christmas bells and wreaths were in great demand. Some of the reports are as follows:

J. M. Gasser Company.—Made-up plants in 10-inch pots consisting of Dracæna terminalis, Pandanus Veitchii, etc., brought from \$10 to \$12 each. Demand was good. Cyripediums, azaleas, poinsettias and cyclamens sold well. Plant sales were twenty-five per cent greater than last year. In cut flowers no increase.

The Cleveland Floral Company reports a very satisfactory business in plants and cut flowers. This firm contemplates a number of improvements in the near future. A seed department will be operated in connection with the cut flower business.

Smith & Feters report an increase of twenty-five per cent in plants. Cut flowers about the same as last season and violets not so good.

C. M. Wagner had an extra fine lot of plants which sold well. Business with him was about the same as last season.

James Eadie had an extra good supply of cut flowers from the new place. He reports an increase over last year.

A. H. Graham & Son say business was about the same as last year in plants and cut flowers. ECHO.

Louisville.

Christmas business the past week will long be remembered, having given general satisfaction. Despite the many on the streets offering "fine holly wreaths" at two for a quarter, the store people as a rule had no trouble in disposing of all they could make. Although the holly did not average very good this year, there was a very good demand for it. Some very nice "logs" of mistletoe were in evidence, and found a ready sale. Blooming plants sold very well, there being some very fine specimens offered. Green plants sold surprisingly well. The weather was very good, and nothing had to be wrapped to keep from the frost. Roses of extra quality are to be had in satisfactory quantities, the demand being very good. American Beauties have been in good demand. Carnations are very good in quality but the quantity is very short. Some of them have brought as high as \$2 per dozen, which is considered a very good price locally. Violets were no trouble to get at a very high price, but the quality was very disgusting, some of the shipped ones not being fit to offer. Lily of the valley sold very well. The quantity and quality are both very

satisfactory. Mignonette is to be had in fair quantities and the quality is very good. The demand is satisfactory. A few sweet peas were to be had, and sold very well. Narcissi and hyacinths sold exceptionally well, especially the former. Green goods are very short.

The regular monthly meeting of the Kentucky Society of Florists will be held Tuesday night, January 3, probably at Mrs. C. B. Thompson's Fourth avenue store. It is earnestly hoped that this meeting will be well attended, as a good many things of importance will come up. The preliminary premium list will come up for discussion for the last time, and it would be to every member's interest to be present. There is contemplated the formation of a bowling club, which if a go, should be a very interesting feature of the society. The installation of officers will also take place at this meeting. Let us start out with a large attendance.

Schulz's new delivery wagon is a beauty, and one of several very nice ones being operated by the trade.

Mrs. C. B. Thompson had some red tulips which proved a real novelty.

Joseph Coenen & Company had a great sale for ferns.

F. L. S.

Albany, N. Y.

Daniel Whittle, of Whittle Brothers, was the recipient of a handsome diamond past master's jewel at the annual election of Master's Lodge No. 5, F. and A. M., on the evening of December 12. Mr. Whittle served the lodge the past year as master. The presentation was made by Past Master James Ten Eyck.

Danker, Maiden Lane, has a fine display of the new Tarrytown fern which will be introduced by the F. R. Pierson Company, Tarrytown, in the spring of 1905. The exhibit is accompanied with a card descriptive of the fern furnished by the Pierson Company.

R. D.

500,000 VERBENAS THE CHOICEST VARIETIES IN CULTIVATION.

Fine pot plants, \$2.50 per 100; \$20 per 1000. Rooted Cuttings, 50c per 100; \$5 per 1000; \$45 per 10,000.

NO RUST OR MILDEW.

PACKED LIGHT, AND SATISFACTION GUARANTEED. SEND FOR CIRCULAR.

We are the Largest Growers of Verbenas in the country. Our plants cannot be surpassed.

J. L. DILLON,

BLOOMSBURG, PA.

Palmer's
**Red
Lawson**

NOW READY!

SPORT FROM THE FAMOUS
MRS. THOMAS LAWSON

Planted May 18th, in full crop middle of August

ROOTED CUTTINGS:

\$10.00 per 100

\$40.00 per 500

\$75.00 per 1000

Ask your Brother Florist if he saw it at the Detroit Carnation Show. Ten to one he will say it's a good carnation to grow. Received CERTIFICATE OF MERIT at Detroit Carnation Show—scoring 87 pts.

W. J. Palmer & Son
Lancaster, N. Y.

Geraniums

STRONG, FALL STRUCK.

Mme. Barney, M. A. Riccard,
Mme. Landry, Mme. Buchner,
Mrs. E. G. Hill, Sam Sloan,
La Favorite, Villa de Poitiers,
Marquis de Castellan.

2 1/4-inch pots, \$2.50 per 100.

A. H. TREGO, the largest and best Scarlet Bedder, \$5.00 per 100.

NATHAN SMITH & SON, ADRIAN, MICH.

GERANIUMS.

ROOTED CUTTINGS.

Fifteen varieties at \$10.00 and \$12.50 per 1000. Send for complete price list of GERANIUMS and CARNATIONS.

ALBERT M. HERR, Lancaster, Pa.

For QUALITY,
QUANTITY
and PRICE in **ORCHIDS**

— APPLY TO —

JULIUS ROEHRS,
RUTHERFORD, N. J.

Orchids!

CATTLEYA MENOELII, just arrived in fine condition a shipment of this scarce and beautiful Orchid. Also Lælia anceps and Onoidium Tigrinum, etc. Write for special list No. 14.

Lager & Hurrell, SUMMIT, N. J.
Orchid Growers and Importers.

VIOLETS.

Write for lowest price on Violets. We took 1st premium at the "World's Fair," Chicago and Joliet Flower Shows. We can give the right price as we are growers.

ELI CROSS, Grand Rapids, Mich.

The KING of all Carnations.

THE NEW.... SCARLET SEEDLING **ROBERT CRAIG**

The largest, strongest stemmed, most vigorous, healthiest growing, most fragrant, and the best **FANCY COMMERCIAL SCARLET CARNATION** produced to date. Ranks with Enchantress and Fiancee, having defeated the latter variety in all competitions in Philadelphia.

THE IDEAL CHRISTMAS CARNATION. **AN ENORMOUS BLOOM** just the color of the Christmas Holly Berry. An easy doer. Anybody can grow it. Having already orders for 100,000 cuttings for delivery season of 1906, we are still booking orders subject to buyer's cancellation if dissatisfied with variety at any time up to December 1st, 1905.

PRICES { \$2.50 per dozen: \$12.00 per 100: \$100.00 per 1000.
2,500 lots at \$95.00 per 1000. 5,000 lots at \$90.00
per 1000. 10,000 lots or more at \$80.00 per 1000.

SEND YOUR ORDERS EARLY TO

C. W. WARD, ORIGINATOR,
QUEENS, N. Y.

COTTAGE GARDENS COMPANY INC.

ROBERT CRAIG (WARD)

has been awarded the following honors:

PRELIMINARY CERTIFICATE.

American Carnation Society.

SPECIAL DIPLOMA.

American Institute of New York.

FIRST CLASS CERTIFICATE OF MERIT.

Mass. Horticultural Society.

FIRST CLASS CERTIFICATE OF MERIT.

Penn. Horticultural Society.

FIRST CLASS CERTIFICATE OF MERIT.

New York Florists' Club.

CRAIG CUP, for best undisseeded seedling.

Philadelphia.

G. HARTMAN KUHN, SPECIAL PRIZE, for best undisseeded seedling.

Philadelphia.

FRED BURKI

IS THE IDEAL

Commercial White Carnation

Its freedom of bloom, coupled with its other meritorious qualities, will commend it to the most conservative growers. You will make no mistake by growing Fred Burki.

\$12 per 100; \$100 per 1000. 250 at 1000 rates.

WRITE FOR DESCRIPTIVE CIRCULAR.

JOHN MURCHIE,
Sharon, Pa.

S. S. SKIDELSKY,
824 No. 24th St., Philadelphia.

Carnation Rooted Cuttings.

NOW READY.

| | Per 100 | 1000 |
|--------------------------------------|---------|---------|
| QUEEN LOUISE, fine white..... | \$1.20 | \$10.00 |
| ALBA, large white..... | 1.40 | 12.50 |
| AMERICA, red..... | 1.00 | 10.00 |
| MRS. POTTER PALMER, big scarlet..... | 1.20 | 10.00 |
| G. H. CRANE, scarlet..... | 1.20 | 10.00 |
| ELDORADO, yellow..... | 1.20 | 10.00 |
| MARSHALL FIELD, barred..... | 1.40 | 12.00 |
| ARMANDINDY, barred..... | 1.00 | 10.00 |
| MRS. JOOST, pink..... | 1.20 | 10.00 |
| LAWSON, pink..... | 1.40 | 12.50 |
| PRES. McKinley, pink..... | 1.40 | 12.50 |
| SUCCESS, light pink..... | 1.20 | 10.00 |
| HARLOWARDEN, crimson..... | 1.40 | 12.50 |
| GOV. ROOSEVELT, crimson..... | 1.20 | 10.00 |

UNROOTED CUTTINGS HALF PRICE.

TERMS: Cash with order or C. O. D. with privilege of examination. Express prepaid at above prices. All plants warranted true to name and well-rooted.

HERMITAGE CARNATION CO., Loomis, Cal.

Rooted Carnation Cuttings

JANUARY DELIVERY. All Orders Filled in Rotation.

| | Per 100 |
|----------------------------------------|---------|
| Mrs. M. A. Patten..... variegated..... | \$6.00 |
| White Lawson..... | 6.00 |
| Flamingo..... scarlet..... | 6.00 |
| Albatross..... white..... | 6.10 |
| Enchantress..... | 3.50 |
| Queen..... white..... | 3.00 |
| Boston Market..... white..... | 3.00 |
| Queen Louise, Lawson..... | 2.00 |
| J. H. Manley..... scarlet..... | 2.00 |
| Challenger..... | 2.00 |

Write for Prices on Large Lots. 5 Per Cent Discount for Cash with Order.

Jas. D. Cockcroft, NORTHPORT, L. I., N. Y.

WHITE LAWSON which we introduced last season has given great satisfaction, and has proved to be The Finest White Carnation ever sent out. Remember we are headquarters for it. The demand will undoubtedly exceed the supply this season, and in order to secure early delivery, no time should be lost in placing order. We are now booking orders for early January delivery. Orders will be filled strictly in rotation as received, so the earlier orders are booked the earlier deliveries can be made. We can supply First-class strong rooted cuttings, \$7 per 100; \$60 per 1000. Also the other novelties of the season—Fiancee, Cardinal, Fred Burki, etc. Also the cream of older sorts—Mrs. M. A. Patten, Dahim, Enchantress, Flamingo, Mrs. Thos. W. Lawson etc.

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

St. JOSEPH, Mo.—J. N. Kidd has disposed of his retail flower establishment to Mrs. Weiss.

200,000 ROOTED

Carnations

NOW READY.

| | Per 100 | Per 1000 | | Per 100 | Per 1000 |
|-------------------|---------|----------|---------------------|---------|----------|
| White | \$1.00 | \$10.00 | Pink | 1.00 | 10.00 |
| Queen Louise..... | 1.00 | 10.00 | Cressbrook..... | 1.00 | 10.00 |
| Flora Hill..... | 1.00 | 10.00 | Scarlet | | |
| Gov. Wolcott..... | 1.00 | 10.00 | Crage..... | 1.00 | 10.00 |
| White Cloud..... | 1.00 | 10.00 | America..... | 1.00 | 10.00 |
| Alba..... | 2.00 | 15.00 | Estelle..... | 1.40 | 12.50 |
| Pink | | | Crimson | | |
| Lawson..... | 1.20 | 12.50 | Harlowarden..... | 1.40 | 12.50 |
| Marquis..... | 1.00 | 10.00 | Variegated | | |
| Enchantress..... | 3.50 | 30.00 | Prosperity..... | 1.40 | 12.50 |
| Mrs. Joost..... | 1.00 | 10.00 | Marshall Field..... | 1.40 | 12.50 |
| McKinley..... | 1.40 | 12.50 | Armazindy..... | 1.00 | 10.00 |
| Mermaid..... | 1.00 | 10.00 | Viola Allen..... | 1.20 | 11.00 |

100,000 Pansy Plants, at \$10.00 per Thousand.

Unrooted Cuttings at one-half price of rooted cuttings. Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.

Loomis Carnation Co.

Lock Box 115, LOOMIS, CAL.

MY MARYLAND.

The largest, most productive and most profitable White Carnation yet raised. Will be disseminated in 1906. Write us about it. Also for other new and standard carnations.

CHRYSANTHEMUM STOCK PLANTS.

| Each. Doz. | Each. Doz. |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| Dr. Eaguehard 35c \$3.00 | Uncle John..... 35c 3.00 |
| White Mrs. J.R..... | Rockford..... 25c 3.00 |
| Trantor..... 35c 3.00 | Mrs. Probin..... 35c |
| Am. Beauty..... 35c 3.00 | Mrs. Newell..... 35c |
| S. T. Wright..... 50c 5.00 | |
| Pacific, B. Rose, Willow Brook, Ivory, Mrs. J. Jones, 10c each. \$6.00 per 100. Orizaba, Halliday, Monrovia, Merry Xmas, Liger, H. Sinclair, 10c each, \$7.00 per 100. | |

H. WEBER & SONS, Oakland, Md.

CARNATION CUTTINGS

WELL ROOTED, FROM SELECTED STOCK.

| | Per 100 | Per 1000 |
|------------------------|---------|----------|
| NELSON FISHER..... | \$7.00 | \$60.00 |
| MRS. M. A. PATTEN..... | 6.00 | 50.00 |
| FLAMINGO..... | 6.00 | 50.00 |
| CRUSADER..... | 6.00 | 50.00 |
| D. WHITNEY..... | 5.00 | 40.00 |
| ENCHANTRESS..... | 4.00 | 30.00 |
| H. FENN..... | 3.00 | 25.00 |
| MANLEY..... | 3.00 | 25.00 |
| FAIR MAID..... | 2.50 | 20.00 |
| QUEEN..... | 3.00 | 25.00 |

BACKER & CO., Billerica, Mass.

Indianapolis.

Christmas trade is pronounced only fair by the market florists, while for the store men and wholesale growers it was highly satisfactory. The tendency of shoppers to postpone their flower buying to the very last was more apparent than ever, consequently the rush between 3 and 7 p. m. Saturday was tremendous. Practically everything available was cleaned up, both in blooming plants and cut flowers. The call for foliage plants, with the exception of Boston ferns, was not as heavy as last year. In blooming plants, Begonia Gloire de Lorraine took the lead, followed by cyclamens, poinsettias and azaleas. Cut flowers most in demand were poinsettias and violets with American Beauty roses and fancy carnations as seconds.

A. Wiegand & Sons made a decided hit with combination boxes, baskets and jardinières filled with blooming plants, ferns, etc., which commanded fancy prices.

John Heidenreich disposed of most of his goods wholesale. His fine azaleas and sweet peas proved popular.

Baur & Smith had besides a good crop of carnations, two benches of fine cyclamens which sold readily.

Smith & Young Company accepted orders for over 20,000 violets. They picked 20,050 blooms.

H. W. Rieman had fine Begonia Gloire de Lorraine, cyclamens and primulas.

Bertermann Brothers had extra fine poinsettias and begonias. C. J.

Grand Rapids, Mich.

A sudden drop in the temperature two days before Christmas made Christmas deliveries difficult and one or two firms report frozen shipments. On the whole the volume of business done exceeds that of last year with a plentiful supply of everything except carnations, which were very scarce. The prices of American Beauty roses were \$5 to \$12 per dozen; Bride, Bridesmaid and Meteor, \$1.50 per dozen; carnations, 60 cents to \$1 per dozen; violets, \$4 per 100.

Henry Smith says everything was satisfactory. Poinsettias took the lead in cut flowers and the call for plants was greatly on the increase.

Eli Cross, the Grand Rapids Violet Company and James Schols report everything cleaned up, with a scarcity of dark violets.

The Grand Rapids Floral Company reports trade much better than last year, with plenty of stock except carnations.

Crabb & Hunter report the largest trade they have ever had, with an increased call for plants of all kinds.

Charles Chadwick, who opened a store a short time ago, is very well satisfied with his first Christmas.

Bruinslot & Sons report a very satisfactory trade, this being their first Christmas.

Freeling & Mendles had three wagons going all day Saturday and Saturday night. N. B. S.

PORTLAND, CONN.—Otto Keser has commenced the construction of a reservoir a short distance back of his green-houses.

WILLIAMSPORT, PA.—M. A. Maxiner has opened a florist's store at 345 Pine street. Mr. Maxiner has purchased the old Gilmore homestead on Park street, just beyond Brandon park, and has already erected several up-to-date green-houses.

Buy Now

FOR STOCK OR GROWING
ON FOR SPRING SALES.

250 at 1000 rates. All from 2 1/4 or 2 1/2-inch pots.

Geraniums, including Nutt, Riccard, B. Poitevine, Mme. Barney, etc., strong stock, \$25.00 per 1000. Our choice of vars. in assorted colors at \$20.00 per 1000.

Coleus, 10 best market varieties, \$2.50 per 100; \$20.00 per 1000.

Ageratum, Stella Gurney and Princess Pauline, \$2.50 per 100; \$20.00 per 1000.

Heliotrope, dark purple and blue, named varieties, \$3.00 per 100; \$25.00 per 1000.

Hibiscus, Peachblow, grandest variety out, \$3.00 per 100.

Primula Forbesii, \$2.50 per 100; \$20.00 per 1000.

Flowering Begonias, in variety, \$3.00 per 100; \$25.00 per 1000.

Send for
Wholesale
List.

The STORRS & HARRISON CO. Painesville, Ohio.

PANSIES. Giant. Last Chance. \$2.00 per 1000.

Guaranteed to please. Safely packed with very liberal count. **Daisies**, Long-fellow, \$2.00 per 1000. This is a bargain. **Primula**, Obe. Grandifl., pink and white mixed, in bud, 1 1/2 c. **Alyssum**, Double Giant, 2c. **Heliotrope**, blue, 1 1/2 c. **Fuchsia**, 2c. **Asp. Sprengeri**, 2-in., 1 1/2 c. **Plumosa Nanus**, 1 1/2-in., 1 1/2 c. 3-in., 4c. **Rooted Cuttings**, prepaid, per 100: **Alyssum**, Giant Double, 75c; **Ageratum**, Gurney, 60c; **Alternanthera**, best red and yellow, full struck, extra strong, 50c; **Fuchsia**, 5 fine sorts, \$1.25; **Giant Marg. Daisy**, white, \$1.00. **Coleus**, the best bedders, 50c; **Salvia**, Splendens, 75c. **CASH. BYER FLORAL CO.**, Shippensburg, Pa.

PANSY PLANTS THE JENNINGS STRAIN

Fine plants, fancy colors, large flowering. Large plants in bud and bloom, \$1.00 per 100. Medium size for cold frames, \$3.50 per 1000; 500 for \$2.00. By mail, 75c per 100. Seed, \$1.00 per pkt.; \$5.00 per oz. Cash with order.

E. B. JENNINGS, Lock Box 254, SOUTHPORT, CONN.
GROWER OF THE FINEST PANSIES.

SPECIALTIES

ROSES, from 3-inch pots, **In Best**
CARNATIONS, for all delivery, **Varieties**
CHRYSANTHEMUMS,
SMILAX, VIOLETS.

Prices Low. Send for List.

WOOD BROTHERS, Fishkill, N. Y.

Peacock's ..Dahlias

For plants or bulbs address

L. K. PEACOCK,
Dahlia Specialist, **ATCO, N. J.**

HINODE FLORIST CO.

...JAPANESE NOVELTIES...

TINY PLANTS, in 2 and 3-in. decorated Japanese pots, \$15.00, \$20.00 and \$25.00 per 100.

RHAPIS, 5 to 15 shoots, 50 cents each.

CASH WITH ORDER.

LARGEST GROWERS OF FASTER FLIES.

WOODSIDE, N. Y. and WHITESTONE, L. I., N. Y.

GARDENIA PLANTS.

(GRANDIFLORA CAPE JESSAMINE.)

Our leading specialty. Natural growing conditions here ideal; size tells its own story. We do not think they can be equaled elsewhere. 1-year, 18 to 24-in., \$1.50 per doz.; \$10.00 per 100. Dormant now and until February 25th.

C. W. BENSON, Alvin, Tex

It is good business policy to mention

**The....
AMERICAN FLORIST**

When you write to an advertiser.

Dracaena Indivisa, \$3.00 per 100; \$25.00 per 1000.

Boston Ferns, well established, \$30.00 per 1000.

Abutilon Eclipse, \$3.00 per 100.

German Ivy, \$2.50 per 100.

Manettia Bicolor, \$2.50 per 100.

Cuphea Platycentra, \$2.50 per 100.

Asparagus Plumosus, \$3.00 per 100.

Asparagus Sprengeri, \$2.50 per 100.

Kentia Belmoreana, clean, stocky plants with several leaves, \$5.00 per 100; \$45.00 per 1000.

Araucaria Excelsa.

We are Headquarters for these fine, beautiful plants. Cheaper and better than can be obtained elsewhere. Plants in 6-inch pots, 20, 25 and 30 inches high, 5, 6, 7 tiers, \$1.00, \$1.25 and \$1.50 each.

FICUS ELASTICA, (Rubbers), 6-inch pots, 20, 25, 30 inches high, all perfect leaves, good from top to bottom, \$3.00 to \$5.00 per doz. Specimens, 7-inch pots, extra good 75c each.

DRACAENA BRUNATA, 6-inch pots, 20 to 25 inches high, 50c each; \$5.00 per doz.

KENTIA FORSTERIANA, (Made-up plants), 3 in a pot, 5, 6, 6 1/2-inch pots, 30 inches high, 75c each; 35 to 49 inches high, very fine, \$1.00, \$1.25, \$1.50 each.

LATANIA BORBONICA, healthy plants, 5 to 6 leaves, 50c each.

COCOS WEDDELIANA, 3-inch pots, strong, 15c each.

Pots removed unless otherwise notified. Cash with order please. All goods travel at purchaser's risk.

Godfrey Aschmann,

Wholesale Grower and Importer of Pot Plants.

Bell Phone Tlaga 3689 A.

1012 Ontario St., Philadelphia, Pa.

VINCA VARIEGATA,

Rooted Cuttings, prepaid, 90c per 100.

PANSIES, Giant sorts, \$2.50 per 1000.

PARIS DUSY, Giant 2-inch, 2 1/2 c.

ASP. PLUMOSA NANUS, 2-in., 2 1/2 c. 3-in., 5c.

ASP. SPRENGERI, 2-inch, 2c.

ABUTILONS, 4 varieties, 2 1/2-inch, 3c.

Rooted Cuttings, prepaid: **Heliotrope**, \$1 per 100.

Ageratum, Gurney, Pauline, 60c per 100.

Salvia, Splendens, Bonfire, 90c per 100.

Fuchsia, 5 best varieties, \$1.25 per 100.

Hardy Pink, 7 varieties, some everblooming, 75c per 100.

70c per 100.

Obi. Petunias, 10 finest, \$1.00 per 100.

Rex Begonias, 15 sorts, \$1.10 per 100.

Flowering Begonias, 6 sorts, \$1.10 per 100.

Alternanthera, 2 reds, \$5.00 per 1000.

—CASH—

BYER BROS., Chambersburg, Pa.

CYCLAMEN

SPLENDENS GIGANTEUM HYBRIDS. Finest strain in the world, in bud and bloom. First-class grown stock from 5-inch pots, \$2.50 per dozen; \$20.00 per 100. Satisfaction guaranteed.

PAUL MADER, East Stroudsburg, Pa.

JOHN BURTON, Assignee for
ROBERT CRAIG & SON,
Roses, Palms,
and Novelties in Decorative Plants.
Market and 49th Sts., Philadelphia, Pa.

Asparagus Plumosus,

50 CENTS PER STRING.

Carnation Blooms and Rooted Cuttings.
Good stock.

W. H. WATSON, Lapeer, Mich.

Cheap To Clear.

2,500 Rose Geraniums, 2,500 Mixed Geraniums, best bedding varieties, all 2-in. \$1.00 per 100. Cuphea, 75c per 100; Chrysanthemums stock plants. J. K. Shaw, Lincoln. Polly Rose, Glory of Pacific, Bill Hawk, 25c per doz.

H. ROSSITER,

200 Lexington Avenue, JERSEY CITY, N. J.

RUDBECKIA.

Extra choice, large clumps.....\$5.00
Per 100
Asp. Sprengeri, extra quality, 2 1/4-in. pots... 2.00
Asp. Plumosus, extra quality, 2 1/4-in. pots... 2.50
Asp. Plumosus, extra quality, 3-in. pots.... 4.00

JOHN BROD, Niles Center, Ill.

PALMS, FERNS

AND

Decorative Plants.

R. DREYER, Woodside, L. I., N. Y.

Boston Ferns.

Strong bushy plants, from bench, ready for 5-inch pots, 20c each.

ASPARAGUS SPRENGERI.

2 1/4-inch, very strong, ready for immediate shift, \$2.50 per 100; \$20.00 per 1000. Cash.

H. N. EATON, So. Sudbury, Mass.

FERNS for FERNERIES

All the popular sorts. Fine bushy plants, 3-inch pots, \$6.00 per 100.

Chas. A. Knapp,
CHESTNUT HILL, PA.

Geo. Wittbold Co.,

1657 Buckingham Pl., CHICAGO, ILL.

Send for Price List on

Palms and Ferns

JOSEPH HEACOCK,

WYNCOTE, PA.

—GROWER OF—

Kentia Belmoreana
and Kentia Forsteriana

ASPARAGUS Sprengeri,

Extra strong, 2 1/4-inch pots, @ \$2.00 per 100.

50,000 Cannas

in 20 best varieties. Get my prices before ordering elsewhere.

W. W. COLES, Kokomo, Ind.

Nephrolepis Scottii.

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston Fern in a given time. Prices, 6-inch pot-grown, ready for 8-inch, \$15.00 per doz.; 7-inch, pot-grown, \$24.00 per doz.; 8-inch, pot-grown, \$38.00 per doz.

John Scott, Keap St. Greenhouses,
BROOKLYN, N. Y.

Special Clearing Sale.

ASPARAGUS PLUMOSUS NANUS.

Strong plants from 3-inch pots, \$3.00 per 100.

BOSTON FERNS. Fine plants from 6-in. pots, full of young fronds, clean and healthy, \$3.00 per dozen; \$30.00 per 100

—CASH WITH ORDER.—

Send for our new list of Specialties.

The W. T. BUCKLEY CO.,
SPRINGFIELD, ILL.

BEDDING PLANTS.

Alternanthera, red and yellow, August rooted cuttings, strong, \$5.00 per 1000, mailed 60c per 100. Alyssum, double sweet, 2-inch, \$2.00; R. C. mailed, \$1.00 per 100. 10,000 Geranium Nutt and 20 other vars., 2 1/4-in., \$20.00 per 1000. Petunia, double fringed, pure white, 2 1/4-in., \$2.50; R. C. mailed, \$1.25 per 100. 500,000 Pansy plants; Florists' International, strong, transplanted, from cold frame, \$10.00 per 1000; in bud and bloom, \$1.50 per 100. Vinca var., from 3-in. pots, \$4.00; R. C. mailed, \$1.00 per 100. Salvia in four named vars., 2-in., \$2.01 per 100. Daisies, Forget-me-not, Sweet William, \$3.00 per 1000.

LUDVIG MOSBAEK, Onarga, Ill.

ASPARAGUS

Plumosus Nanus, 2 1/4-inch pots, per 1000, \$15.00; per 100, \$2.00.

Pansy Plants.

Large flowering, per 1000, \$2.50; per 100, 60c. Cash.

JOS. H. CUNNINGHAM, Delaware, O.

BOSTON FERNS.

Extra fine stock, cut from bench now ready for 5, 6, 7 and 8-inch pots, at \$25.00, \$50.00, \$75.00 and \$100.00 per 100. KENTIAS, RUBBERS, ASPARAGUS PLUMOSUS NANUS. Cash or reference please.

L. H. FOSTER, 45 King St.,
DORCHESTER, MASS.

BOSTON FERNS.

4-in., \$15.00. 5-in., \$15.00; 6-in., \$40.00 per 100. 7-in., 60c; 8 in., 75c each. Strong rooted runners of SCOTTII, \$5.00 per 100. Of PIERSONI and BOSTON, \$2.00 per 100.

DAVIS BROS., MORRISON, ILL., and
GENEVA, ILL.

For Sale or Exchange.

40 fine Specimen Palms. Good condition, 4 to 6 feet high, 8 to 10-inch pots. Areca Lutescens, Kentia Belmoreana and Forsteriana. Will take in exchange Carnation Stock for next spring delivery. Paid \$150 for them 2 years ago. Want the room.

WALTER BUTLER, Chillicothe, O.

LATANIA PALMS.

6-in., 2 and 3 plants to pot..... \$ 9.00 per doz.
7-in., 1 plant to pot, 7 to 9 leaves... 12.00 per doz.
8-in., 1 plant to pot, 7 to 10 leaves,
2 to 3 1/2 feet in height and
diameter..... 18.00 per doz.

ARECAS.

4-in., 2 and 3 plants to pot, standing 2 ft. \$4.00 doz
6-in., 2 and 3 plants to pot, standing 3 ft. 9.00 doz
J. W. COLFLESH, 53d St. and Woodlawn ve., Phila.

Adiantum Hybridum

\$5.00 per 100. Strong 2 1/4-inch pots.
The best of Maidenhair Ferns. Over 100 testimonials from leading growers.

A. LEY & BRO., N. London, D. C.

Always mention the American Florist when you order stock.

A FEW GOOD THINGS YOU WANT.

KENTIA PALMS, a fine lot of single and made-up plants as was ever grown, 4, 5, 6, 7, 8-inch pots, at 20c, 35c, 75c, \$1.50 to \$3.00 each.

BOSTON FERNS, 5-inch, \$30 per 100.

DRACAENA INDIVISA, 2, 3, 4, 5-inch, \$2, \$5, \$10 and \$25 per 100.

ASPARAGUS PLUMOSUS, 2 and 3-in., \$4 and \$8 per 100.

ASPARAGUS SPRENGERI, 2 and 3-in., \$3 and \$5 per 100.

GERANIUMS, Jean Viand, S. A. Nutt, Castellane and Poitevine, 3-in. pots, \$3.00 per 100.

VINCA VARIEGATA, 2-inch, \$2.00 per 100.

Unrooted cuttings of CARNATIONS. The best and cheapest way to buy them. Portia, Crocker, Goodenough, Mermaid, Roosevelt, 50c per 100.

Lawson, Boston Market, Fair Maid, Harry Fenn, \$1.00 per 100.

CINERARIAS, 2-inch, \$2.00 per 100; 3-inch, \$4.00 per 100.

PRIMULA OBCONICA, 3-inch, \$4.00 per 100.

CASH OR C. O. D.

GEO. M. EMMANS, NEWTON, N. J.
Please mention the American Florist when writing.

Palms and Asparagus Cheap.

| | | |
|---------------------------------------|-------------------------|--------|
| Latania Bor., 2-in. pot, | seed leaves.. | 8.00 |
| " " 3-in. pot, 15-18 in., | 2-3 chr. lvs. | 12.00 |
| " " 5-in. pot, 18-20 in., | 3-4 chr. lvs. | 15.00 |
| " " 5-in. pot, 20-24 in., | 4 chr. lvs. | 20.00 |
| Kentia Bol., 2 1/4-in. pot, | 6-8 in., 2 leaves.. | 10.00 |
| " " 3-in. pot, | 8-10 in., 3-4 leaves.. | 12.50 |
| " " 4-in. pot, | 12-15 in., 4-5 leaves.. | 16.00 |
| Asparagus Sprengeri, 2-inch..... | | \$2.00 |
| Asparagus Plumosus Nanus, 2-inch..... | | 2.50 |
| " " 3-inch..... | | 5.00 |

SHERMAN NURSERY CO.,

CHARLES CITY, IA.

Please mention the American Florist when writing.

YOU WANT

SOME NICE PLANTS FOR YOUR SHOW
WINDOWS FOR

The Holidays.

Boston Ferns, 2 1/4, 3, 4, 5, 6, 7, 8 and 10-inch.
Pieris, 2 1/2, 5, 6 and 7-inch.
Plumosus, 2, 3, 4 and 5 inch.
Sprengeri, 2, 3 and 4-inch.

A few nice Rex and Flowering Begonias. Cut Flowers. Roses. Carnations. Paper White Narcissus, Roman Hyacinths, Etc. WRITE

GEO. A. KUHL,
PEKIN, ILL.

THE

Gardeners' Chronicle.

A Weekly Illustrated Journal.

ESTABLISHED 1841.

The GARDENERS' CHRONICLE has been for over SIXTY YEARS the LEADING JOURNAL of its class. It has achieved this position because, while specially devoting itself to supplying the daily requirements of gardeners of all classes, the information furnished is of such general and permanent value that the GARDENERS' CHRONICLE is looked up to as the STANDARD AUTHORITY on the subjects of which it treats.

Subscriptions to the United States, \$4 20 per year Remittances to be made payable to H. G. COVE

OFFICE:—

41 Wellington St., Covent Garden, London, England.

ALL Nurserymen, Seedsmen and Florists wishing to do business with Europe should send for the

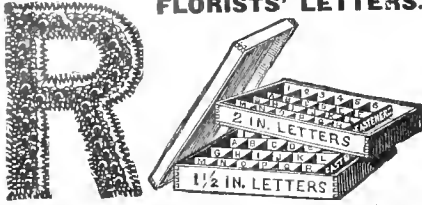
"Horticultural Advertiser"

This is the British Trade Paper, being read weekly by all the Horticultural traders; it is also taken by over 1000 of the best continental houses. Annual subscription to cover cost of postage 75c; Money orders payable at Lowdham, Notts.

Address EDITORS OF THE "H. A."
Chilwell Nurseries, LOWDHAM, Notts, England.

Boston Florist Letter Co.

MANUFACTURERS OF
FLORISTS' LETTERS.



This wooden box nicely stained and varnished, 18x30x12 made in two sections, one for each size letter, given away with first order of 500 letters.

Block Letters, 1½ or 2-inch size, per 100, \$2.00.
Script Letters, \$4. Fastener with each letter or word.

Used by leading florists everywhere and for sale by all wholesale florists and supply dealers.

N. F. MCCARTHY, Treas. and Manager,
84 Hawley St., BOSTON, MASS.

Please mention the American Florist when writing.

CUT FLOWER BOXES WATERPROOF Corner Lock Style.

The best, strongest and neatest folding cut flower box ever made. Cheap, durable. To try them once is to use them always. Per 100 Per 1000

| Size No. | Q. | 3x 4x20 | ..... | \$2.00 | \$19.00 |
|----------|-----|----------|-------|--------|---------|
| " | 1. | 3x 4½x16 | ..... | 1.90 | 17.50 |
| " | 2. | 3x 6x18 | ..... | 2.00 | 19.00 |
| " | 3. | 4x 8x18 | ..... | 2.50 | 23.00 |
| " | 4. | 3x 5x24 | ..... | 2.75 | 26.00 |
| " | 5. | 4x 8x22 | ..... | 3.00 | 28.50 |
| " | 6. | 4x 8x28 | ..... | 3.75 | 36.00 |
| " | 7. | 6x16x20 | ..... | 5.50 | 54.00 |
| " | 8. | 3x 7x21 | ..... | 3.00 | 28.50 |
| " | 9. | 5x10x35 | ..... | 6.50 | 62.00 |
| " | 10. | 7x20x30 | ..... | 9.50 | 87.50 |
| " | 11. | 3½x5x30 | ..... | 3.00 | 28.50 |

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

THE LIVINGSTON SEED COMPANY,
BOX 104, COLUMBUS, OHIO.

H. Bayersdorfer & Co.

50 to 56 North Fourth St.,

PHILADELPHIA.

Your Plants

Made to look strong and healthy
by using "Nicotinic."

Tobacco Warehousing and Trading Co.,
LOUISVILLE, KY.

We Thank our Customers

For their patronage and hope they
will continue it, wishing them and
the trade in general, compliments of
the season.

J. STERN & CO., Philadelphia.

CUTS for your Catalogue

Of all kinds in the Horticultural line,
suitable for any purpose.
Send for sample sheets and estimates.

Sunset Horticultural Designing and
Engraving Co.

627 W. 6th St., LOS ANGELES, CAL.

SIGMUND GELLER, FLORISTS' SUPPLIES and RIBBONS.

108 West 28th Street, New York.
NOVELTIES always on hand.

KOKOMO, IND.—W. W. Coles has re-
placed five old greenhouses with three
modern ones and erected a fine office
building of concrete blocks with slate
roof.

PROTECTION!!

Of your plants from freezing. This can be done only by
using a celebrated

LEHMAN WAGON HEATER



250,000 are in use by Florists, horsemen, doctors and far-
mers. They burn Lehman Coal from which there is no
smoke, no danger, at a cost of less than ¼ cent per hour.
Don't fail to write for circular telling more about them.

LEHMAN BROS.,
MANUFACTURERS,
10 Bond St., NEW YORK.

BEWARE
OF
IMITATIONS.

J. W. ERRINGER,
General Western Sales Agent,
45 E. Congress St., CHICAGO.

ESTABLISHED
1866

EMIL STEFFENS

SUCC^{TO} N. STEFFENS.
AND STEFFENS BROS.



ROSSIG BROTHERS,

—MANUFACTURERS OF—

Artificial Leaves.

ALL STYLES IN HUNDREDS OF DIFFERENT DESIGNS. PAPER AND MUSLIN. SMILAX,
YARDS and PIQUETS. Samples Furnished to the Jobbing Trade Only.

497 West Broadway. NEW YORK.

M. RICE & CO.,

Importers and Manufacturers,

Leading Florists'
Supply House and
Ribbon Specialists.

918 Filbert Street,
Philadelphia, Pa.

Tobacco Dust

FOR FUMIGATING.

It would pay large users of dust to communicate with us and get samples and prices.

Edwin L. Koppelman & Co., 81 PINE STREET,
NEW YORK.

A. HERMANN,

Cape Flowers, all colors,
Cycas Leaves, Metal Designs,
and All Florists' Supplies.

SEND FOR PRICES.

404-412 East 34th Street, NEW YORK.

KORAL LETTERS

For Sale by all Wholesale Houses.

Koral Mfg. Co.,
12 Hawley Place, Boston, Mass.

Wired Toothpicks

10,000, \$1.50; 50,000, \$6.25. Manufactured by
W. J. COWEE, BERLIN, N. Y.
Sample Free. For sale by dealers.

L. BAUMANN & CO.,

Importers and Manufacturers of
Florist Supplies

76-78 Wabash Ave., CHICAGO.

Write for our New Catalogue F. Our
prices may interest you.

BEST ENGRAVINGS and ILLUSTRATIONS

—Of Every Description—

FOR CATALOGUES.

SEE OUR WORK IN THIS PAPER.

SEND FOR ESTIMATES.

GLOBE ENGRAVING and ELECTROTYPE CO.

407-427 Dearborn St., CHICAGO.

"There is only One."

The Fumigating Kind Tobacco Powder

WHAT A FEW SAY, ALL THAT USE IT SAY.

Kansas City, Mo.
I have used The Fumigating Kind Tobacco Powder now for two years and I find it the best and cheapest article on the market to kill Thrip and Green Fly. I would not be without it.
A. F. BARBE.

New London, Conn.
"No, all Flowers Growers are not liars." Your FUMIGATING KIND TOBACCO POWDER fills the bill. Clean, quick and efficacious. No dirty tobacco stems to litter up the paths, and taint the carnation flowers with an offensive odor that never leaves them. E. W. CLARK.

New Castle, Pa.
Duplicating so often the past two years our order for The Fumigating Kind Tobacco Powder is a sure indication that it has no equal in our estimation, as an effective insecticide. It does the work well.
BUTZ BROS

Richmond, Ind.
We have found your Fumigating Kind Tobacco Powder excellent, very effective in its work.
THE E. G. HILL CO.

A FREE trial five pound bag will cost you nothing more than the express charges on it, the trial bag will prove our assertion that it is the most effective, cleanest and quickest as well as the cheapest (10 cents per 100-foot house) article to fumigate with. All aphids killed in one night—our booklet tells of it, we mail one on request.

THE H. A. STOOHOFF COMPANY, Tobacco Powder Hobbyists, 116, 117, 118 West St., New York.



THOSE RED POTS

"STANDARDS"
FULL SIZE AND WIDE BOTTOMS.
BULB PANS AND AZALEA POTS.

DETROIT FLOWER POT M'FY.,
HARRY BALSLEY, Rep. DETROIT, MICH.,
490 Howard St.,
Please mention the American Florist when writing.

—WRITE—

A. F. Kohr

1521-23 N. Leavitt St., CHICAGO, ILL.,

FOR PRICES OF

Standard Pots which for strength and porosity combined are the best on the market.
Please mention the American Florist when writing

Standard Flower... POTS

If your greenhouses are within 500 miles of the Capitol, write us, we can save you money.....

W. H. ERNEST,

28th and M Streets. WASHINGTON, D. C.
Please mention the American Florist when writing.

It is good business policy
.....to mention the

American Florist

When you write to an advertiser.

Standard Flower Pots

The WHILLDIN POTTERY COMPANY,
PHILADELPHIA PA. JERSEY CITY, N. J. LONG ISLAND CITY, N. Y.
Traveling Representative, U. CUTLER RYERSON, 108 Third Ave., Newark, N. J.

THE KELLER POTTERY COMPANY,

Manufacturers of **FLORISTS' RED STANDARD POTS.**

Azalea Pots, Bulb and Fern Pans, Etc.

Write for Price List. 213-15-17-19-21-23 Pearl St., NORRISTOWN, PA.



RED POTS

SAMPLE POT AND PRICE LIST
ON APPLICATION.

C. C. POLLWORTH CO., MILWAUKEE, WIS.



GEO. KELLER & SON,
MANUFACTURERS OF
FLOWER POTS.

Before buying write for prices.
361-363 Herndon Street,
near Wrightwood Ave.,
CHICAGO, ILL.

Kramer's Pot Hanger



Patent Applied For.

The neatest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They fit all standard made pots from 2 to 10 inches in diameter. The illustration shows how they are attached. Just the thing for hanging up ferns, begonias, etc. You can make room and money by their use. Try them.

FOR SALE BY WHOLESALE SEEDSMEN, FLORISTS AND SUPPLY DEALERS.

Price with wire chain as shown in cut, \$1.00 per dozen by express. Sample dozen by mail, \$1.25.

I. N. Kramer & Son, Cedar Rapids, Iowa.
Please mention the American Florist when writing.

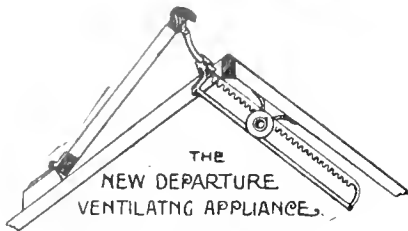
STANDARD FLOWER POTS!

Packed in small crates, easy to handle.

| Price per crate | Price per crate |
|------------------------------|-----------------------------|
| 1500 2-in., in crate, \$4.88 | 120 7-in., in crate, \$4.20 |
| 1500 2 1/2 " " 5.25 | 60 8 " " 3.00 |
| 1500 2 3/4 " " 6.00 | |
| 1000 3 " " 5.00 | 48 9-in., in crate, \$3.60 |
| 800 3 1/2 " " 5.80 | 48 10 " " 4.80 |
| 500 4 " " 4.50 | 24 11 " " 3.60 |
| 320 5 " " 4.51 | 24 12 " " 4.80 |
| 144 6 " " 3.16 | 12 14 " " 4.80 |
| | 6 16 " " 4.50 |

Seed pans, same price as pots. Send for price list of Cylinders for Cut Flowers, Hanging Baskets, Lawn Vases, etc. Ten per cent off for cash with order. Address

HILFINGER BROS. POTTERY, Fort Edward, N. Y.
Or AUGUST BOKER & SONS, New York Agents,
31 Barclay Street, New York City.



CHEAPEST AND BEST.

If you doubt it try them and be convinced.
Send for descriptive price circular.

J. D. Carmody, Evansville, Ind.

Please mention the American Florist when writing.

GREENHOUSES.
MATERIAL FURNISHED
AND
MEN TO SUPERINTEND
ERECTION IF DESIRED.
CYPRESS SASH BARS
ANY LENGTH UP TO 32 FT. OR LONGER.
The A. T. Stearns Lumber Co.,
NERONSET, BOSTON, MASS.

Please mention the American Florist when writing.

STENZEL GLASS CO.,
GREENHOUSE GLASS.

French and American "WHITE ROSE"
Brand.

2 Hudson St.,
NEW YORK.

101 Portland St.,
BOSTON.

Holds Glass
Firmly
See the Point
PEERLESS
Glazing Points are the best.
No rights or lefts. Box of
1,000 points 75 cts. postpaid.
HENRY A. DREER,
714 Chestnut St., Phila., Pa.

JOHNSON'S HANDY MANUAL.

The latest and best book now on the market for those interested in greenhouse heating and ventilating. This book has just been revised and now contains over 125 pages of valuable information, fully illustrated with cuts and working plans. If you intend to overhaul your heating apparatus, Johnson's Manual will tell you how to do it with the best results. If your boiler consumes too much fuel, Johnson's Manual treats on how to make your plant economical in that respect. Mr. J. W. Johnson, the Author, is a practical steam and hot-water heating engineer of 25 years' experience. The "Manual" mailed postpaid to all points in U. S. and Canada upon receipt of \$1.00.

AMERICAN FLORIST COMPANY, Chicago.

The Best He Ever Saw.

AMERICAN FLORIST Co.:—Enclosed find \$1 which apply on subscription. I would not try to do without the paper. I consider it the most valuable trade paper I ever saw and I can say I learned more from your pages in one month than in ten months from some other papers.

FRED WINDMILLER, Supt.,
Livingston Seed Company's Greenhouse
Department.

The James H. Rice Co.
—IMPORTERS and JOBBERS—
GREENHOUSE GLASS

A SPECIALTY.

Window Glass, Paint, Putty, etc.
80-82 Wabash Avenue and 34 to 40 South Water Street, CHICAGO.



GARLAND'S GUTTERS
WILL KEEP SNOW AND ICE OFF
YOUR GLASS.

DES PLAINES, ILL.
SEND FOR CATALOGUE.

A sample of our Gutter is on Exhibition at the Chicago Flower Growers' Market.

GLASS.

GOOD BRANDS.
QUICK SHIPMENTS.
LARGE STOCK.

Warehouse on railroad switch. Be sure
and get our prices.

Sharp, Partridge & Co.
22nd St. and Union Place, CHICAGO.

GULF CYPRESS
GREENHOUSE
MATERIAL

HOT-BED SASH, BOILERS, PIPES, FITTINGS,
VENTILATING APPARATUS.

GLASS AT WHOLESALE.

We furnish everything for building. Send
for prices and catalogues.

S. Jacobs & Sons, 1365-1373 Flushing Ave.
BROOKLYN, N. Y.

ADAM SCHILLO LUMBER CO.

—DEALER IN ALL KINDS OF—

Hemlock and Pine Lumber

and "PECKY CYPRESS" our new introduction
to the trade

For Greenhouses.

ALSO CEDAR POSTS OF ALL LENGTHS AND DIMENSIONS

Having had an extensive experience in the line
of Lumber and Posts needed for Greenhouse work,
I am prepared to meet all inquiries. Send for prices.

Cor. Weed & Hawthorne Ave., CHICAGO, ILL.

Tel. North 1626 and 1627.

References given from the leading Florists
of Cook County.

Sprague Smith Co.
PLATE AND WINDOW GLASS

Greenhouse Glass a Specialty.

208 Randolph Street, CHICAGO.

D. O.
Cunningham
Glass Co.

PITTSBURG, PA.

TANK WINDOW GLASS.

Hot-House Glass a Specialty.

The Standard
VENTILATING MACHINERY



The original machine with self-
oiling cups. The most powerful,
least complicated, very compact
with ease of operation.

The New Duplex Gutter

Over six miles in use and highly
recommended by all. The only Drip
Proof gutter on the market.

The Standard Return Steam Trap

It has no equals for simplicity or its
working. Catalogue free.

E. HIPPARD, Youngtown, Ohio,

Please mention the American Florist when writing

Established 1899. Tel. 174 Bergen.

Phillips Manufacturing Co.

222-226 Kearney Ave., Jersey City, N. J.

Horticultural Architects, Builders
and Heating Engineers.

Designers and Manufacturers of
every description of Glass Houses
for private or commercial uses. Most
modern and up-to-date.

If you write or telephone us, we do
the rest.

—RUSTIC WORK A SPECIALTY.—

H. M. HOOKER CO.

Window Glass, Paints and Putty.
Greenhouse Glass a Specialty.

59 W. Randolph St., CHICAGO.

Sun Cured CYPRESS Greenhouse Material

—ALSO—

HOT-BED SASH.

Tennessee Red Cedar Posts.
Pecky Cypress bench lumber.

FOLEY Ventilating Apparatus.
Galvanized vent sash hinges,
screw eyes, screwhooks, U
bolts, Galvanized turn-
buckles and wire.

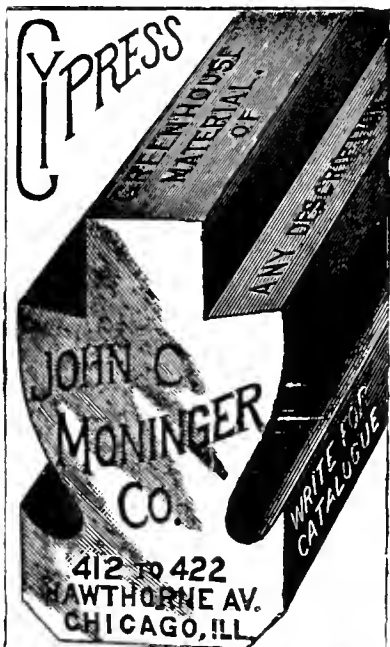
FITTINGS for Purlin and
Ridge Supports,

Free Illustrated Catalogue.

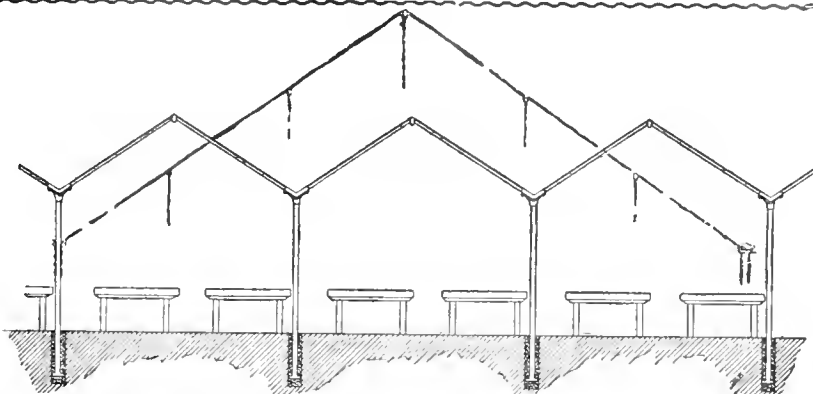
Foley Mfg. Co.

471 W. 22nd St.,
CHICAGO.

Please mention the American Florist when writing.



ALWAYS mention the AMERICAN FLORIST
when writing to advertisers.



View of a piece of ground 40 ft. respectively 41 ft. 6 in. in width, covered by one roof (old style), and also by three sections of our Patent "Short-Roof" Construction. Compare headroom over benches and number of supports.

SHORT-ROOF GREENHOUSES. (Patented.)

.....WRITE FOR CATALOGUE.....

A. DIETSCH CO., Patentees

Manufacturers of California Red Cedar and Louisiana
Cypress Greenhouse Material.

615-621 Sheffield Ave.,

CHICAGO.

Use our Patent
IRON BENCH
FITTINGS and
Roof Supports.



Improved Vaporizing Pans VENTILATING DILLER, CASKEY & CO., SUCCESSORS TO JENNINGS BROTHERS, APPARATUS. S. W. Cor. Sixth and Berk Sts., PHILADELPHIA.

Hot-Bed SASH

FOR IMMEDIATE SHIPMENT.

THREE SIZES.

3 ft. x 6 ft. 3 rows, 10-inch glass
3 ft. 3-in. x 6 ft. 4 rows, 8-inch glass
4 ft. x 6 ft. 5 rows, 8-inch glass
1 7-16 inches thick.

OF STRICTLY CLEAR GULF CYPRESS

These sash are strongly braced,
very stiff, light, and durable.

Prices Reasonable.

CLEAR HEART CYPRESS
GREENHOUSE MATERIAL.

PLANS AND ESTIMATES FURNISHED.

Lockland Lumber Co., LOCKLAND, O.

PUMPS Rider-Ericson. Second-hand. From \$1.00 up; all repairs; other makes; new; cheap.

BOILERS Second-hand Greenhouse Boilers. guaranteed. Send for prices; state size wanted.

PIPE New 2-in. full lengths, with coupling, 8 $\frac{1}{2}$ c a foot. Good serviceable second-hand, 2-in., 6 $\frac{1}{4}$ c; 1 $\frac{1}{2}$ -in., 5 $\frac{1}{4}$ c; 1 $\frac{1}{4}$ -in., 3 $\frac{1}{4}$ c; 1-in., 3c; $\frac{3}{4}$ -in., 2 $\frac{1}{4}$ c. New and old fittings and valves.

GARDEN HOSE New, $\frac{3}{4}$ -in., guaranteed 100-lbs. pressure, 7 $\frac{1}{2}$ c per ft.; $\frac{1}{2}$ -in. not guaranteed, 4 $\frac{1}{2}$ c per ft.

HOT-BED SASH New. Cypress, 3x6-ft., from \$1.60 up; glazed, complete, from \$1.60 up.

Get our prices on New Cypress Building Material Ventilating Apparatus, Oil, White Lead, Putty, Paint, Points, Etc.

OLD GREENHOUSES BOUGHT.

SEND FOR PRICES ON STEAM FITTING TOOLS.

References: Bradstreet's, Dunn's or Broadway Bank of Brooklyn.

Metropolitan Material Co.,
1393-1403 Metropolitan Ave., BROOKLYN, N. Y.

Please mention the American Florist when writing.



EVANS' IMPROVED CHALLENGE VENTILATING APPARATUS

WRITE FOR ILLUSTRATED CATALOGUE
QUAKER CITY MACHINE WORKS,
RICHMOND, IND.

Please mention the American Florist when writing.

The King Construction Co.

New Roof Construction, Automatic
Stokers, Water Tube Steam Boiler,
Automatic and Hand Ventilators.....

NORTH TONAWANDA, N. Y.

32 Church St.,

TORONTO, ONT.

Please mention the American Florist when writing.

Index to Advertisers.

Advertising rates... 950
 Aitken Mark... 956
 Albany Steam Trap Co... 974
 American Flower Co... 971
 Amling E. C... 953
 Aschmann Godfrey... 968
 Backer & Co... 967
 Bassett & Washburn... 953
 Baumann L. & Co... 970
 Baur Floral Co... 965
 B. K. & B. Floral Co... 964
 Bayersdorfer H. & Co... 970
 Beaven E. A... 957
 Beckert W. C... 957
 Benson C. W... 968
 Benthey-Costworth... 953
 Berger Bros... 951
 Berning H. G... 952
 Bertemann Bros... 956
 Boddington A. T... 961
 Boston Letter Co... 970
 Brant D. Wood... 953
 Breitmeyer's J. Sons... 958
 Brod John... 969
 Bruns H. N... 951
 Buckley W. T. Co... 969
 Budlong J. A... 953
 Burpee W. A. & Co... 951
 Butler Walter... 969
 Byer Bros... 968
 Eyer Floral Co... 968
 Caldwell the Woodsman Co... 954
 Carmody J. D... 972
 Chadwick Chas... 956
 Chicago Carnation Co... 963
 Chicago House Wrecking Co... 951
 Cleveland Cut Flower Co... 954
 Cockroft Jas. D... 967
 Colea W. W... 969
 Colfesh J. W... 969
 Conard & Jones Co... 961
 Cotsonas Geo. & Co... 954
 Cottage Gardens Co... 967
 Cowee W. J... 964
 Craig Robt. & Son... 968
 Craig Wm P... 964
 Cross Eli... 966
 Crowl Peru Co... 954
 Cunningham D. O... 954
 Glass Co... 972
 Cunningham Jos. H... 969
 Davis A. B. & Son... 963
 Davis Bros... 969
 Deamud J. B... 953
 Detroit Flower Pot Mfg... 971
 Dietsch A. Co... 973
 Diller Caskey & Co... 973
 Dillon J. L... 964
 Dillon's Mfg Co... 974
 Dornier F. & Sons Co... 971
 Dreer H. A... 958
 Dreyer R... 969
 Eaton H. N... 969
 Elliott Wm H... 954
 Elliott Wm & Sons... 951
 Emmans Geo M... 969
 Ernest W. H... 971
 Fenrich J. S... 955
 Fisher Peter... 951
 Flower Growers Co... 963
 Foley Mfg Co... 973
 For sale and rent... 951
 Ford Bros... 955
 Foster Lucius H... 969
 Freeman Jos. R... 956
 Gardeners Chronicle... 969
 Garland Geo M... 972
 Geller Sigmund... 970
 Ghormley Wm... 955
 Giblin & Co... 951
 Globe Eng Co... 970
 Grand Rapids Florist Association... 957
 Gude A. & Bro... 956
 Gunther Wm H... 955
 Gurney Heater Co... 974
 Guttman Alex J... 955
 Hall & Jones Co... 956
 Haasen Julius... 951
 Hart Jas... 954
 Hauswirth P. J... 955
 Heacock Jos... 969
 Heller & Co... 951
 Heller Bros... 952
 Herodenden Mfg Co... 951
 Hermitage Carnat Co... 967
 Herr Albert M... 964
 Herrmann A... 970
 Hess & Swoboda... 956
 Hewa A. H. & Co... 971
 Hiffinger Bros... 971
 Hill The E. G. Co... 963
 Hinoode Florist Co... 968
 Hippard E... 972
 Hitchings & Co... 951
 Holm & Olson... 956
 Holton & Hunkel Co... 952
 Hooker H. M. Co... 972
 Horan Edw. C... 955
 Hort Advertiser... 969
 Hunt E. H... 953
 Indianapolis Floral Co... 956

Jacobs S. & Sons... 972
 Jennings E. B... 968
 Kasting W. F... 971
 Keller Geo. & Son... 971
 Keller Pot Co... 971
 Kennicott Bros. Co... 971
 Kervan Co. The... 954
 King Construction Co... 973
 Knapp Chas. A... 969
 Kohr A. F... 971
 Koppelman E. L. & Co... 970
 Korat Mfg Co... 970
 Kramer I. N. & Son... 971
 Kreidler C. S... 974
 Kroeschell Bros. Co... 974
 Kuehn C. A... 952
 Kuhl G. A... 965
 Lager & Hurrell... 966
 Lang Julius... 955
 Langjahr A. H... 955
 Larchmont Nurseries... 964
 Leakes N. & Co... 954
 Lehman Bros... 970
 Leikens... 956
 Ley A. & Bro... 969
 Livingston Seed Co... 970
 Lockland Lumber Co... 973
 Loomis Carnation Co... 967
 Loomis Floral Co... 965
 Lord & Burnham Co... 971
 Loven J. G... 954
 Mader Paul... 968
 May John N... 951
 McCullough's J. M. Sons Co... 952
 McKellar Chas. W... 957
 Mette Henry... 951
 Metropolitan Material Co... 973
 Mich Cut Flower Ex... 957
 Millang Chas... 955
 Mills The Florist... 956
 Moller Ludwig... 951
 Moninger J. C. Co... 973
 Moon The Wm H. Co... 961
 Moore Hentz & Nash... 955
 Moshack L... 969
 Munson Greenb's... 961
 Murchie John... 967
 Murchie J. B. & Co... 952
 Nat'l Flo. Bd. of Trade... 965
 N. Y. Cut Flower Co... 955
 N. Y. Cut Flower Ex... 955
 Nickel Plate R. R... 954
 Niessen Leo Co... 954
 Palmer W. J. & Son... 956
 Park Floral Co... 956
 Peacock L. K... 968
 Penwill Geo... 960
 Peterson Nursery... 961
 Phila. Cut Flower Co... 957
 Phila. Wholesale Flower Market... 954
 Philippi Nurseries... 965
 Phillips Mfg Co... 972
 Pierson F. R. & Co... 967
 Pierson-Sefton Co... 957
 Pittsburg Cut Flo. Co... 952
 Pittsburg Florist Ex... 952
 Poehlmann Bros Co... 953
 Polworth C. C. Co... 956
 Pritchard J. N... 954
 Quaker City Mach. Wks... 973
 Randall A. L. Co... 957
 Rawson W. W. & Co... 957
 Raynor J. I... 955
 Regan Print House... 974
 Reinberg Geo... 953
 Reinberg Peter... 957
 Rice Bros... 952
 Rice James H. Co... 972
 Rice M. & Co... 970
 Robichon A. Fils... 961
 Robtson H. M. & Co... 954
 Roehrs Julius... 966
 Roelker A. & Sons... 964
 Rossig Bros... 970
 Rossiter H... 969
 Salter W. H... 965
 Saender & Sons... 958
 Schillo Adam... 972
 Scott John... 969
 Sharp Partridge & Co... 972
 Sherman Nursery Co... 969
 Sheridan W. F... 955
 Slevors & Boland... 956
 Sinner Bros... 953
 Skidelsky S. S... 963
 Smith Nath. & Son... 966
 Smith W. & T. Co... 951
 Smiths Jao... 961
 South Bend Floral Co... 965
 Sprague Smith Co... 972
 Standard Pump & Engine Co... 951
 Stearns Lumber Co... 972
 Steffens Emil... 970
 Stenzel Glass Co... 972
 Stern J. & Co... 970
 Stoothoff H. A. & Co... 971
 Storrs & Harrison... 968
 Styer J. J... 951
 Sunset Hort Design... 970
 A. Eng Co... 970
 Swayne Wm... 965
 Syracuse Pottery Co... 971

Thomas J. O. & Co... 962
 Thompson J. D. Carnation Co... 951
 Thorburn J. M. & Co... 951
 Tobacco Warehouse & Trading Co... 970
 Traendly & Schebeck... 955
 Van Kleef W. & Sons... 961
 Vaughan's Seed Store... 951
 I. IV 959 960 961 962
 Vaughan & Sperry... 971
 Vick's Sons Jas... 961
 Ward Ralph M. & Co... 969
 Watson W. H... 969
 Weber F. C... 956
 Weber H. & Sons... 967

Weeber & Don... 951
 Weiland Peter... 952
 Weiland & Risch... 953
 Welch Bros... 954
 Western Seed Co... 958
 Whilldin Pot Co... 971
 Wieter Bros... 952
 Winterson E. F. Co... 953
 Witthold Geo. Co... 956
 Wolf Jno... 956
 Wood Bros... 968
 Young A. L. & Co... 955
 Young John... 955
 Young Thos. Jr... 955
 Young & Nugent... 955



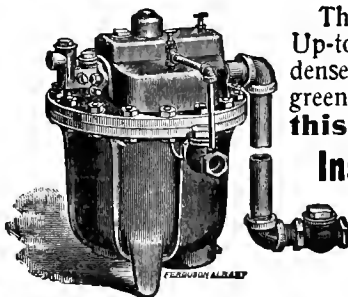
Send for Booklet entitled "HOW."
The PERFECT FLUE CLEANER
 C. S. KREIDLER, Sta. H, Cleveland, O.
 Please mention the American Florist when writing.

THE Regan Printing House
 —Large runs of—
CATALOGUES
 Our Specialty. Write for Figures.

83-91 Plymouth Place. CHICAGO.
 Please mention the American Florist when writing.

Eureka Greenhouses....
THE BEST AND LOWEST IN PRICE. All houses erected at the factory and shipped to purchasers with blue prints, photographs and plain directions so that any person can put them up.
DILLON GREENHOUSE MFG., CO., Bloomsburg, Pa.

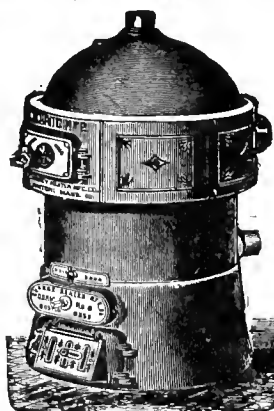
Steam Traps **SAVE COAL**



This is the Return Steam Trap used by the Up-to-date Greenhouse men to return the condensed water from the heating coils in their greenhouses. **Have been in use for this purpose over 30 years.**

Insures an Even Temperature.
 Send For Red Catalogue.

Albany Steam Trap Co.
 ALBANY, N. Y., U. S. A.



"DORIC" HEATER.

CROP INSURANCE.
 Life Insurance is valuable because it guarantees the outcome.
"Gurney" Heaters

"BRIGHT IDEA," "DORIC" and "400 SERIES" do the same thing for your hothouse: **THEY GUARANTEE THE CROP.** First of all they save 20 per cent on the coal bill and so keep expense at a minimum. Next, they produce an even heat and so do not imperil the life of the plant. Next, they are simple to operate and so require least attention. Lastly, they wear longer than others and thus perceptibly reduce the capital invested. Don't buy or exchange until you've investigated them.

GURNEY HEATER MFG. CO.

74 Franklin Street,
 BOSTON, MASS.

111 Fifth Avenue,
 NEW YORK CITY.

THE AMERICAN FLORIST



America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."

Vol. XXIII.

CHICAGO AND NEW YORK, JANUARY 7, 1905.

No. 866

THE AMERICAN FLORIST

TWENTIETH YEAR.

Copyright 1905, by American Florist Company.
Entered as Second-Class Mail Matter.

PUBLISHED EVERY SATURDAY BY

AMERICAN FLORIST COMPANY,
324 Dearborn St., Chicago.

Eastern Office: 429 Sixth Ave., New York.

Subscription, \$1.00 a year. To Europe, \$2.00.
Subscriptions accepted only from the trade.
Volumes half-yearly from August, 1901.

SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—**PHILIP BREITMEYER**, Detroit, Mob., president; **J. J. BENEKE**, St. Louis, Mo., vice-president; **WM. J. STEWART**, 11 Hamilton Place, Room 11, Boston, Mass., secretary; **H. B. BEATTY**, Oil City, Pa., treasurer.

OFFICERS-ELECT—**J. C. VAUGHAN**, president; **J. R. FREEMAN**, vice-president; secretary and treasurer as before. Twenty-first annual meeting at Washington, D. C., August, 1905.

THE AMERICAN CARNATION SOCIETY.

Annual convention at Chicago, January 25-26, 1905. **ALBERT M. HERR**, Lancaster, Pa., secretary.

AMERICAN ROSE SOCIETY.

Annual meeting and exhibition, Boston, Mass., 1905. **LEONARD BARRON**, 136 Liberty St., New York, secretary.

CHRYSANthemum SOCIETY OF AMERICA.

Annual convention and exhibition, November, 1905. **FRED H. LEMON**, Richmond, Ind., secretary.

THIS ISSUE 40 PAGES WITH COVER.

CONTENTS.

| | |
|--------------------------------------------------|------|
| St. Louis World's Fair awards | 975 |
| Kochia scoparia (illus.) | 977 |
| Lewis & Clark Exposition (illus.) | 977 |
| With the growers | 978 |
| —Otto Grudmann, Seneca, N. J. (illus.) .. | 978 |
| —F. R. & P. M. Pierson, Scarborough (illus.) .. | 978 |
| The carnation—Variegated Lawson | 979 |
| —Beuching Prosperity carnation | 979 |
| Additional holiday trade reports | 979 |
| Ladies of the trade—Mrs. E. J. Brown (port.) .. | 980 |
| The rose—Indoor rose grafting (illus.) | 981 |
| Market gardens | 981 |
| —Prices of indoor vegetables | 981 |
| —Lettuce wilt | 982 |
| The retail trade | 982 |
| —Saltford's notice to express agents (illus.) .. | 982 |
| —A Chicago Christmas design (illus.) | 982 |
| New York | 982 |
| Chicago | 982 |
| Philadelphia | 983 |
| Boston | 984 |
| Baltimore | 984 |
| Washington | 984 |
| St. Louis | 984 |
| Sweet peas for Easter | 986 |
| Pipe and boiler troubles | 986 |
| Obituary | 987 |
| The seed trade | 994 |
| The nursery trade | 996 |
| Our pastimes | 998 |
| St. Paul | 998 |
| European horticulture | 1000 |
| The allied trades | 1006 |
| —Greenhouse building materials advanced .. | 1006 |
| —New boiler scale destroyer | 1006 |

ST. LOUIS WORLD'S FAIR AWARDS.

General Awards in Horticulture.

The following is a partial list of the awards made by the Superior Jury, those selected being such as will be of special interest to AMERICAN FLORIST readers. The total number of entries made in horticulture was about 14,500, of which more than nine-tenths were in group 107, which included the fruits. Owing to some conflict between the exposition authorities and the United States Government Commission, the awards have not been officially announced:

GRAND PRIZES, GROUP 105.

France.—Grounds of French pavilion; V. Tatoux, Lille, rockwork in French garden; Tissot, Paris, garden and vineyard tools; E. Touret, Paris, park and garden plans.

Great Britain.—Kew Gardens; Royal Horticultural Society, London; grounds of British pavilion.

Japan.—Grounds of Japanese pavilion. United States.—Daniel Moriarty, New Orleans, La., granite and terra cotta vases; Missouri Botanical Garden, St. Louis, Mo., research and practical work; Wm. Galloway, Philadelphia, Pa., garden statuary and vases.

GOLD MEDALS, GROUP 105.

United States.—American Radiator Company, Chicago, steam and hot water boilers; J. D. Wallace, Champaign, Ill., Wallace power sprayer; E. B. Freeman, Middleport, N. Y., Niagara gas sprayer; The Goulds' Manufacturing Company, Seneca Falls, N. Y., Goulds' Spray pumps. J. B. Fellows, Boston, Mass., lawn sprinklers; Dust Sprayer Manufacturing Company, Kansas City, Mo., spraying machines and powders; S. L. Allen & Company, Philadelphia, Pa., Planet, Jr. implements; William Simpson, Eddystone, Pa., motor lawn mower and roller.

GRAND PRIZES, GROUP 108.

France.—George Boucher, Paris, tree and dwarf rose bushes and shrubs; Croux & Sons, Chatenay, ornamental trees and shrubs; Leveque & Sons, Ivry, hybrid and tea roses.

Great Britain.—William Cutbush & Son, London, clipped trees and English ivies; Sutton & Sons, Reading, flowering bulbs and annuals.

United States.—Huntsville Wholesale

Nurseries, Huntsville, Ala., bardy roses; Vaughan's Seed Store, Chicago, cannas and bedding plants; Michel Plant and Bulb Company, St. Louis, Mo., geraniums and flowering and foliage bedding plants; H. J. Weber & Sons, ornamental trees and shrubs; Arthur Cowee, Berlin, N. Y., gladiolus plants and flowers; Conard & Jones Company, West Grove, Pa., cannas; Henry A. Dreer, Philadelphia, Pa., aquatics.

GOLD MEDALS, GROUP 108.

Great Britain.—H. Cannell & Sons, Swanley, dahlias and herbaceous plants; James Carter & Company, London, bulbs and flowering annuals; John Forbes, Hawick, Scotland, annuals; Kelway & Son, Langport, bulbous plants and annuals; Sander & Sons, St. Albans, tuberous begonias.

Holland.—C. Keur & Son, Hillegom, tulips, hyacinths and crocuses.

Japan.—Benjiro Yamawaki, Osaka, Japanese peonies and lern balls.

United States.—Chicago Carnation Company, Joliet, Ill., carnations; P. S. Peterson & Son, Chicago, shrubs and trees; Swain, Nelson & Company, Chicago, trees and shrubbery; Nathan Smith & Son, Adrian, Mich., Canna Express; Heikes-Biloxi Nurseries, Biloxi, Ala., roses; St. Louis Seed Company, St. Louis, Mo., hyacinths and tulips and floral clock; William Schray & Sons, St. Louis, Mo., Canna Superior; James B. Wild & Brothers, Sarcoxie, Mo., evergreens and shade trees; James Young, St. Louis, Mo., geraniums; E. H. Barbour, Lincoln, Neb., cannas; Charlton Nursery Company, Rochester, N. Y., peonies; Ellwanger & Barry, Rochester, N. Y., shrubbery and herbaceous plants; Samuel G. Harris, Tarrytown, N. Y., roses; William F. Kasting, Buffalo, N. Y., Canna Mrs. W. F. Kasting; H. E. Newberry, Magnolia, N. C., cannas and caladiums; W. Atlee Burpee & Company, Philadelphia, Pa., begonias and roses; Thos. Meehan, Germantown, Philadelphia, Pa., shrubbery; The Wm. H. Moon Company, Morrisville, Pa., evergreens; Aug. Obermeyer, Parkersburg, W. Va., Canna West Virginia.

SILVER MEDALS, GROUP 108.

United States.—Alabama Nursery Company, Huntsville, Ala., althæas and syr-

ingas; F. S. Phoenix, Bloomington, Ill., shrubbery; Mrs. O. B. Stevens, Shenandoah, Ia., gladioli and dahlias; W. W. Coles, Kokomo, Ind., cannas; R. & J. Farquhar & Company, Boston, Mass., gladioli and roses; Wm. C. Young, St. Louis, Mo., petunias; J. F. Rosenfield, West Point, Neb., peonies; Jackson & Perkins, Newark, N. Y., roses; J. Roscoe Fuller, Floral Park, N. Y., cannas; C. W. Ward, Queens, N. Y., peonies; J. M. Thorburn & Company, N. Y., hyacinths and crocuses; Geo. Richardson, Warren, Ohio, water lilies; Peter Brown, Lancaster, Pa., pansies; Henry Eichholz, Waynesboro, Pa., hardy phlox.

BRONZE MEDALS, GROUP 108.

United States.—O. F. Brand & Son, Faribault, Minn., seedling peonies; Jessie R. Prior, Minneapolis, Minn., pansies; Johnson-Musser Seed Company, Los Angeles, Cal., dahlias and calla lilies; C. D. Young, St. Louis, Mo., roses; Carlisle Nursery Company, Carlisle, Pa., Carnation Pennsylvania; Davis Brothers, Bloomsburg, Pa., Carnation Crisis.

GRAND PRIZE GROUP 109.

Mexico.—Mexican Commission, City of Mexico, tropical plants.

GOLD MEDALS, GROUP 109.

Mexico.—Agustin Acosta, Tacubaya, rockery; Jardin Botanico, Tacubaya, tuberous begonias; Quinta Lelia, Cuernavaca, caladiums; Primitive Maurice, City of Mexico, tillandsias and orchids; Ignacio McDowell, Tacubaya, agaves; J. Alberto McDowell, Tacubaya, cacti.

United States.—Golden Gate Park, San Francisco, Cal., trees and shrubs; Geo. C. Roeding, Fresno, Cal., trees and shrubs; Stockton State Hospital, Stockton, Cal., shrubs and plants; Vaughan's Seed Store, Chicago, tuberous begonias; New Orleans Horticultural Society, New Orleans, La., ornamental plants; D. Newsham, New Orleans, La., palms and ferns; Michel Plant & Bulb Company, St. Louis, Mo., foliage plants and palms; C. Young & Sons, St. Louis, Mo., palms and foliage plants; Wm. P. Kasting, Buffalo, N. Y., Adiantum Croweanum; F. R. Pierson Company, Tarrytown, N. Y., Nephrolepis Tarrytown, (N. Piersoni elegantissima); John Scott, Brooklyn, N. Y., Nephrolepis Scottii; Siebrecht & Son, New Rochelle, N. Y., palms and foliage plants.

SILVER MEDALS, GROUP 109.

United States.—Alameda County Com-

mission, Oakland, Cal., Phoenix Canariensis; Chamber of Commerce, Los Angeles, Cal., palms and agaves; H. D. McWilliams, Sacramento, Cal., palms and foliage plants; H. N. Rust, Los Angeles, Cal., Cocos Australis; R. M. Tegue, San Dimas, Cal., orange trees; Abele Bros., New Orleans, La., palms; Audubon Park Association, New Orleans, La., Pandanus Veitchii; Mrs. N. Bryant, New Orleans, La., palms; C. Ebele, New Orleans, La., palms and ferns; J. Karcher, New Orleans, La., palms; Mrs. A. Kouns, New Orleans, La., Boston ferns; Steckler Seed Company, New Orleans, La., decorative plants; E. Valdejo, New Orleans, La., palms; U. J. Virgin, New Orleans, La., palms.

BRONZE MEDALS, GROUP 109.

United States.—Cox Seed Company, San Francisco, Cal., Araucaria imbricata; Mrs. E. C. Lowe, Long Beach, Cal., palms and bamboo; Adolph Scharrf, So. Pasadena, Cal., bamboo and foliage plants; Santa Barbara County Commission, Cal., plants and sub-tropical trees; J. Eblen, New Orleans, La., palms; H. Rhem, New Orleans, La., palms and ferns; J. St. Mard, New Orleans, La., Pandanus Veitchii.

GRAND PRIZE, GROUP 110.

France.—Denaille, Carignan, Ardennes, flower and vegetable seeds.

GOLD MEDAL, GROUP 110.

United States.—W. Atlee Burpee & Company, Philadelphia, Pa., lawn grass seed.

SILVER MEDALS, GROUP 110.

Japan.—Watase Torajiro, Tokio, flower and vegetable seeds.

United States.—Vaughan's Seed Store, Chicago, lawn grass seed; St. Louis Seed Company, St. Louis, Mo., lawn grass seed; Schisler-Corneli & Company, St. Louis, Mo., lawn grass seed; Henry A. Dreer, Philadelphia, Pa., lawn grass seed; Henry F. Michell & Company, Philadelphia, Pa., lawn grass seed.

BRONZE MEDALS, GROUP 110.

United States.—Steckler Seed Company, Limited, New Orleans, La., flower seeds.

GRAND PRIZE, GROUP 111.

France.—Nombrot-Bruneau, Bourg la Reine, fruit trees and shrubs.

United States.—Riverside County, Cal., model of orange grove.

GOLD MEDALS, GROUP 111.

France.—J. H. Leconte, Aine, Paris,

fruit trees; Pinguet-Guindon, Tours, trees and vines.

United States.—State of Louisiana, sub-tropical fruit trees.

SILVER MEDALS, GROUP 111.

United States.—A. Commander, New Orleans, La., orange trees; Quinette Brothers, New Orleans, La., sub-tropical fruit trees; A. Wicher, Gretna, La., orange and pomegranate trees; State Experiment Station, La., sub tropical economic plants; H. G. Harrison Sons' Nurseries, Berlin, Md., nursery trees; Huntsville Wholesale Nurseries, Huntsville, Ala., nursery trees and plants.

Supplementary Awards in Horticulture.

INCLUDING THOSE MADE AT FLOWER SHOW.

GRAND PRIZE, GROUP 108.

Massachusetts.—H. F. Burt, Taunton, dahlias.

GOLD MEDALS, GROUP 108.

State of California, ornamental trees. Illinois.—Bassett & Washburn, Chicago, chrysanthemums, roses and carnations; H. W. Buckbee, Rockford, chrysanthemums; Chicago Carnation Company, Joliet, chrysanthemums and carnations; Poehlmann Brothers Company, Morton Grove, carnations and roses.

Indiana.—The E. G. Hill Company, Richmond, Ind., chrysanthemums and roses; W. J. & M. S. Vesey, Fort Wayne, carnations, roses and chrysanthemums.

Michigan.—John Breitmeyer's Sons, Detroit, roses, carnations and chrysanthemums; Nathan Smith & Son, Adrian, chrysanthemums.

Missouri.—St. Louis Seed Company, St. Louis, tulips and hyacinths.

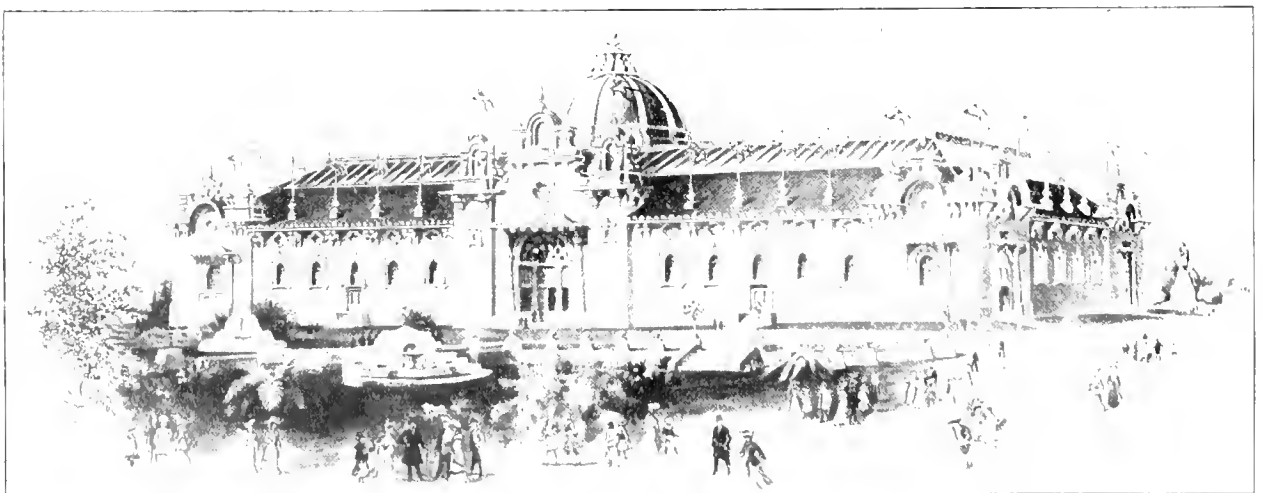
SILVER MEDALS, GROUP 108.

Illinois.—H. N. Bruns, Chicago, lily of the valley; Albert Fuchs, Chicago, Cycas revoluta; Peter Reinberg, Chicago, roses; J. D. Thompson Carnation Company, Joliet, carnations; Vaughan's Seed Store, Chicago, gladioli and dahlias.

Indiana.—Bertermann Brothers Company, Indianapolis, cyclamens.

Massachusetts.—J. K. Alexander, East Bridgewater, dahlias, Michigan.—S. S. Bailey, East Paris, gladioli and asters.

Missouri.—Wm. L. Rock, Kansas City, roses, chrysanthemums, carnations and table decorations; Fred C. Weber, St. Louis, chrysanthemums and bridal bouquet; Jas. B. Wild & Brother, Sarcoxie,



AGRICULTURE AND HORTICULTURE BUILDING AT THE LEWIS AND CLARK EXPOSITION.

(Size 210x460 feet, cost \$74,659.)

dahlias; C. Young & Sons, St. Louis, roses and dahlias.

North Carolina.—H. E. Newbury, Magnolia, tuberoses.

BRONZE MEDALS, GROUP 108.

Illinois.—The Benthley-Coatsworth Company, Chicago, roses; Wiator Brothers, Chicago, chrysanthemums and carnations.



Kochia Scoparia.
(A single plant.)

Indiana.—E. T. Grave, B. K. and B. Floral Company, Richmond, chrysanthemums and carnations; F. Dorner & Sons, La Fayette, carnations; Gunnar Teilmann, Marion, chrysanthemums; Peter Weiland, Newcastle, carnations and roses.

Michigan.—Eli Cross, Grand Rapids, violets.

Minnesota.—Clarence Wedge, Albert Lea, peonies.

New Jersey.—Lager & Hurrell, Summit, orchids.

New York.—Guttman & Weber, New York, carnations.

Texas.—J. R. Johnson, Dallas, evergreens; Otto Locke, New Brownfels, pampas plumes; C. C. Mayhew, Sherman, evergreens; T. V. Munson, Denison, evergreens; F. T. Ramsay, Austin, tuberoses.

GRAND PRIZE, GROUP 109.

Illinois.—Vaughan's Seed Store, Chicago, chrysanthemums, ferns and ornamental peppers.

GOLD MEDALS, GROUP 109.

Japan.—Japanese Commission, chrysanthemum plants.

Wisconsin.—H. G. Selfridge, Lake Geneva, orchids.

SILVER MEDALS, GROUP 109.

Japan.—Kondo Yokaro, Tokio, fern balls.

Illinois.—H. W. Buckbee, Rockford, chrysanthemum plants.

Missouri.—A. G. Greiner, St. Louis, cacti and euphorbias; Missouri Botanical Gardens, St. Louis, chrysanthemum plants and palms.

Ohio.—J. A. Peterson, Cincinnati, begonias and pandanus.

BRONZE MEDALS, GROUP 109.

Louisiana.—E. Zbinden, New Orleans, palms.

Missouri.—William Schray & Son, St. Louis, palms and decorative plants.

Kochia Scoparia.

If Kochia scoparia has an equal among foliage plants I have never seen it, and I doubt if the peer of this annual exists in the plant world. Each year I grow kochias in hedges along the garden paths and as backgrounds for scarlet geranium beds, and surely no plant ever germinated more readily, attained effective size more quickly or exhibited more beautiful form and color. The kochias grow in rows as hedges, self-sown, and in the spring I simply dig up the plants I need for the season and hoe up the rest. The seedlings are transplanted when three or four inches high and are set about twenty inches apart. They grow remarkably fast. This year I took note of the date of transplanting, which was May 15. The accompanying pictures were taken August 1, and for at least six weeks the plants had been large and shapely. When photographed they were 36–40 inches high. Because of being set close, the lovely oval form is not in evidence in the hedges, but is well illustrated in the single specimen pictured. Given full exposure these charming plants grow, come rain or drought, and acquire perfection of contour with the greatest certainty. They are of the most vivid green until September, when they are covered with small purplish seeds or berries. The plant is then attractive, but its chief value lies in its intense color, its plume foliage and symmetry in its earlier stages of growth.

By all means, back up a scarlet geranium bed with a hedge, in which the plants are set twenty inches apart. The combination is simply dazzling.

GEO. B. CLEMENTSON.

Lewis & Clark Exposition.

OPENS AT PORTLAND, ORE., JUNE 1, 1905.

People nowadays are accustomed to marvels in exposition building. They have seen the remarkable changes effected in a short time at Chicago, St. Louis, Buffalo, and other places; but Portland will still show some surprises. At the exposition grounds, where a few months ago, there was a dreary wilderness, a few years ago a hunting ground, a century ago an untravelled virgin forest, stately palaces, gleaming ivory white in their coats of ornamental staff, stand as monuments of progress. Eight

of the exhibition structures are now completed, and ready to receive exhibits, which will begin to arrive in a few days. Work on the others is progressing rapidly, the mild Oregon winter making it possible for the contractors to keep their men busy the year around, while crews of men, working under direction of landscape artists, have laid out walks and drives, and planted considerable stock.

The Lewis and Clark Exposition will commemorate the centennial of the journey of Captains Meriweather Lewis and William Clark, who, with a small party of hardy adventurers, crossed the mountains and opened up the great Oregon country to settlers. Their journey enabled the United States to add this great territory, embracing Washington and Oregon, and parts of Idaho and Montana, to its domain by right of discovery.

The exposition will represent an expenditure approximating \$5,000,000. The state of Oregon and the United States government will be the largest participants, but a majority of the states will be represented, and several will have pavilions. Among these latter, are New York and Massachusetts, California, Idaho and Oregon. The Oregon legislature appropriated for the fair the sum of \$450,000, which equals nearly a dollar for every man, woman and child in the commonwealth, while the people of Portland subscribed \$420,000 in stock. The United States government exhibit will represent an aggregate expenditure of \$800,000.

The exposition site occupies 402 acres, and adjoins the principal residential district of Portland, being distant fifteen minutes' ride on the street cars from the business center of the city. The site comprises a natural park, and includes Guild's lake, a beautiful little body of water which is separated from the Willamette river by a peninsula. On this peninsula is located the United States government building, while the other principal exposition structures cluster on the top of a slight eminence, on the mainland, and overlook the lake and river, with Mt. Hood and Mt. St. Helens towering in snowcapped grandeur half a hundred miles beyond.

The main admission gates, which are between pillars of an ornate colonnade, open upon Pacific court, and give access



KOCHIA SCOPARIA, WITH GERANIUMS IN FOREGROUND

through this to Columbia court, the main plaza of the exposition. Columbia court consists of two wide avenues, between which are sunken gardens, and on either side of which stand the agricultural and horticultural building (see illustration page 976) and the European building. On either side of these buildings, with their short sides facing the lake, are situated the other main exhibition palaces, which bear the names oriental, forestry, mines and metallurgy; fine arts, machinery, electricity and transportation; manufacturers, liberal arts and varied industries. A broad flight of steps known as the grand stairway, leads from Columbia court to the band stand on the lake shore.

In the western part of the grounds a considerable part of the site has been left almost in its natural state, forming Centennial park, and beyond this park, in a little valley, are situated the experimental gardens, where western farm and garden products will be displayed as they actually grow.

Guild's lake is spanned by an ornamental bridge, known as the bridge of nations, and the end of the bridge adjoining the mainland will be called the trail. This will be the amusement street of the fair, and many new features are planned for it.

On the government peninsula, which is reached by way of the bridge of nations, the main government buildings will occupy three acres. The structure will be flanked by two towers, each 260 feet high, and ornate peristyles will lead to smaller structures which will house the territorial, irrigation and fisheries exhibits, a fourth smaller building being used as the life saving station.

While our own government will be the largest national participant, almost every other nation on the globe which arises to the dignity of a place on the map will be represented at the exposition. So great has been the demand for space by foreign governments, that the building originally designed to house all foreign exhibits and the educational display has been given entirely to oriental nations, while the building designed for liberal and industrial arts will hold the exhibits of European countries. This unexpected demand for exhibit space coupled with an entirely unprecedented call for space by manufacturers has necessitated an additional building, which will be called the palace of manufacturers, liberal arts and varied industries. This building, containing 90,000 feet of floor space, will almost equal in size the agricultural and horticultural building, which is the largest on the grounds.

Greenhouse Heating.

ED. AM. FLORIST:—I have a cast iron tubular hot water boiler for heating my greenhouse and it is not giving satisfaction. I ascribe this to the arch or crown being too far away from the boiler, about five inches. What is your opinion? Should it be more or less than five inches to give satisfactory results? SUBSCRIBER.

There is so great a variation in the form of cast iron boilers that no definite reply can be given, especially as the size of the boiler is not stated. It is also difficult to tell just what is meant by the arch or crown. If the boiler is similar in construction to an ordinary wrought-iron tubular boiler and this is set so that there is a space of five inches between the bridge and crown sheet, it would have to be a small boiler to have the distance too great. L. R. T.

WITH THE GROWERS

Otto Grundmann, Secaucus, N. J.

The six houses of Otto Grundmann, Secaucus, N. J., bear mute testimony to the enterprise of their genial proprietor. For the holiday trade he had a house of azaleas, well flowered and in the pink of condition. Another house was filled with lilies, most of them to come in at Easter, and a third house was devoted almost entirely to Boston ferns, which here are well grown and shapely. The most interesting, perhaps, of the houses is one 160 feet long filled entirely with lilac. While some of this was expected to be in by Christmas it was planted mainly for cutting in January and February. Mr. Grundmann does not believe in forcing lilac too hard and likes decided intervals between successions. Another house, of the same size as the lilac house is used exclusively for Rambler roses. These roses are being grown along for Easter, and most of them are being carefully trained to pyramidal and other forms.

F. R. & P. M. Pierson, Scarborough, N. Y.

Some time ago the AMERICAN FLORIST referred to a new range of rose houses being erected at Scarborough, N. Y., by the Pierson-Sefton Company for F. R. & P. M. Pierson for the growing of American Beauty roses. The construction of these houses and the mode of planting were distinct innovations, entirely away from the beaten track usually pursued in rose growing, and the result was awaited with curiosity and interest. The accompanying illustrations show an exterior and interior view of one of these houses, and from the pictures a better idea of the construction can be had than from a detailed written description.

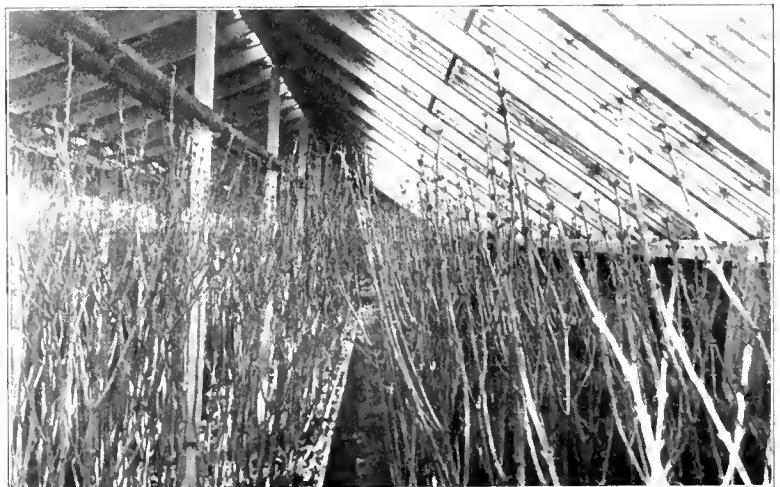
The houses are over 300 feet long, by about ninety feet wide. The roof is ridge and furrow and looks like three different houses instead of only one. The roses are planted on the solid ground. One or two of the beds have a bottom of ashes, as an experiment, but the majority rest on mother earth. Eight-inch boards are set on edge to form the bed and keep the prepared rose soil in place and between each bed a passageway of eighteen inches is left. There are in all twelve beds, four under each span, and it is considered one man's work to look after four beds.

The gutters are of iron, Pierson-Sefton Company's own patent, supported on iron purlins, and are just high enough to allow a man to pass under without injuring his head gear. The gutters are narrow and the paths are so arranged that the shade from each gutter falls on a pathway instead of on the rose bed. A wide passage running across the house divided it in two, and under this passageway are placed the large steam pipes which feed the smaller auxiliaries. The construction is very simple, yet strong and durable, and considering the amount of square feet available for growing purposes it is questionable if a cheaper house than this was ever put up.

The houses were unavoidably delayed in construction and the roses had been previously propagated in anticipation of early planting, when it was found it would take six weeks longer to complete the construction than was originally intended. The roses had, therefore, to be otherwise cared for. To save further potting they were planted in an ordinary rose bench, about six inches apart each way. They went ahead with vigor and when the permanent quarters were finally ready the bushes were much larger than usual at planting time. They were lifted carefully with all the soil possible attached, but for about one week they seemed to take the shift badly, as indicated by a slight wilting. They soon got over that, however, and in about six weeks from the time of planting a number of nice roses were being cut.

The illustration here shown is from a photograph taken soon after planting. To-day the growth is luxuriant and one almost fancies himself in a miniature forest; the roses in many cases are touching the glass and the growth is by no means spindly or weak. Nothing has been seen that could in any way compare with them. One would think that the beds would take a much longer time to dry out than benches, but the opposite is the case, and a thorough syringing can be given on every favorable opportunity. The pathways are kept continually covered with tobacco stems which make a dry path and keep aphids and thrips in subjection. Fumigation has never to be resorted to; it kills the odor as well as the bugs and the lack of the one is almost as detrimental as the presence of the other from a commercial standpoint.

Considering the undoubted superiority of this style of construction and mode of planting, it is a wonder that it was not



HOUSE OF LILACS AT OTTO GRUNDMANN'S, SECAUCUS, N. J., DECEMBER, 1904.

tried and demonstrated sooner. It is being tried in a smaller way in several private and commercial places in this vicinity this season, and all vouch for the superiority of the plan. At the Scarborough and Briarcliff greenhouses an exceptionally good cut was had for Christmas. Over 6,000 special American Beauty roses, besides many other grades, were cut for Christmas day, and a dollar a piece was easily realized for them. In fact, the supply was not nearly equal to the demand.

TRAVELER.

THE CARNATION.

Variegated Lawson.

In the AMERICAN FLORIST it has been noted lately that the carnation Mrs. Thos. Lawson gets more "sporty" as its years increase. There are now red, light pink, white, variegated, and Lawsons of various hues with fantastic fringes. At the establishment of the F. R. Pierson Company, Tarrytown, N. Y., there are

also a late bloomer, being at its best after January. We have never been able to get a very full crop of it for Christmas. I have found that the best way to treat this variety is to propagate it early and allow it to make as large a plant as possible in the field by leaving it to be one of the last planted inside, which is generally about August 15. By following this plan we find that we get a greater number of blooms quicker than what we did when planting a smaller plant at an earlier date. The habit of this variety is different from any other carnation that we know of and it has to make a good sized plant before it commences to bloom at all. It is strictly fancy in every respect and to make it profitable the flowers must bring a higher price than other carnations. Referring to the question of placing the blame for stem rot on the grower, it would be adopting harsh measures to blame any grower for stem rot no matter what time he had taken charge unless it could be clearly shown to be due to his incompetency or neglect, particularly so with some varieties, which will stem rot under the most careful culture.

C. W. JOHNSON.

Carnation America in England.

Those who require an exceptionally bright colored carnation for flowering in August and September should procure this tree variety and grow it well, says a correspondent of the *Gardeners' Chronicle*. The flowers are of large size; they are heavily fringed and the calyxes do not split. The color is rich scarlet, and the flowers have a delightful perfume, which is exceptional.

Additional Holiday Trade Reports.

Herewith are presented additional reports on the Christmas holiday trade as received from correspondents all over the country:

LEAD, S. D.—Christmas trade best on record, as Alex. Rose puts it. Bells and holly wreaths are increasing in popularity. The mercury registered 25° below zero.

FORT MADISON, IA.—Satisfaction with 1904 Christmas business is expressed by J. M. Auge. Red carnations were scarce. Plants, especially azaleas, were the best sellers.

Lilies For Easter.

As a grower of lilies for Easter, John Scott, of Brooklyn, N. Y., is always to be depended upon for a good supply. A visit last week to his Flatbush establishment developed the fact that Easter preparations had not disturbed him much at present.

"Where are your lilies, Mr. Scott?"

"Why, out there in the frames, and I am in no hurry to bring them in. They are well covered with salt hay, and I have no reason to believe that they are not just as I want them."

"When will you bring them in?"

"Well, of course, I am generally the last to put them under glass."

"Of course you know Easter is somewhat late this year?"

"True enough, but I have many thousands which will be on the market in prime condition just the same."

"When will you bring them into the houses?"

"Well, as I have them, there is no immediate cause for hurry."

"What temperature do you usually start them at?"

"Oh, as a rule I aim to make the night temperature 40° at first, afterwards increasing to 45°, and so on to 60°; day temperatures, of course, 15° higher."

Amount of Pipe Needed.

ED. AM. FLORIST:—Please inform me how many feet of 2-inch pipe it will require to heat a single greenhouse seventy feet long, eighteen feet wide, five feet high at sides, with side ventilation, temperature of 45° to 50° required in zero weather. Boiler of the Spencer type of hot water heater will be located in cellar.

G. P.

If there is no glass in the side walls, the house described can be heated by means of three 2-inch flows and six 2-inch returns. With from one to two feet of glass in each of the walls, the number of returns should be increased to seven or eight.

L. R. T.

about 2,000 plants of the variegated variety in the pink of perfection. The flowers resemble Mrs. Patten in color, but will outbloom that variety at least two to one. In every other respect but color, in stem, form, calyx, size and freedom of bloom it is a true chip of the old parent. Mr. Pierson has made arrangements whereby he will handle the entire stock of variegated Lawson owned by W. B. Arnold, Rockland, Mass., and the variety will be put upon the market at once.

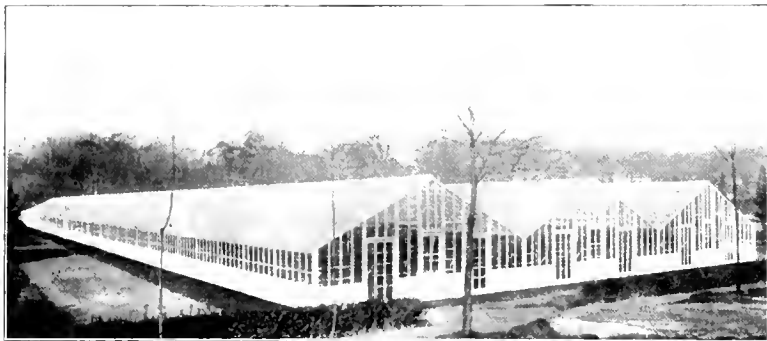
J. T. S.

Benching Prosperity Carnation.

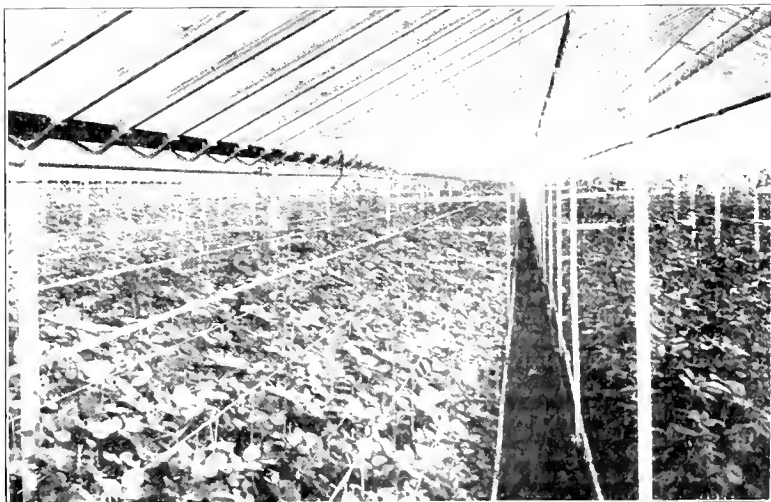
ED. AM. FLORIST:—Can you tell me the proper time to bench Prosperity carnations to have them in full crop for Christmas? Also can you blame a carnation grower who takes charge of them the latter part of August for stem rot if stock was propagated from diseased stock?

CARNATION GROWER.

Prosperity is a slow growing carnation,



EXTERIOR VIEW OF ONE OF THE NEW CONNECTED ROSE HOUSES AT F. R. & P. M. PIERSON'S, SCARBORO, N. Y.



INTERIOR VIEW OF AMERICAN BEAUTY ROSE HOUSE AT F. R. & P. M. PIERSON'S, SCARBORO, N. Y.

NEW LONDON, CONN.—Trade very satisfactory, with carnations leading the demand and supply short. Lower prices ruled, because retailing is done on a wholesale basis here, writes H. H. Appeldoorn.

NORWICH, CONN.—Joseph F. Smith is conservative and says that this year's business was only slightly better than last year. Roses and carnations were in ample supply. Princess pine sold better than holly.

FORT WORTH, TEX.—Business better than 1903 by 100 per cent is the opinion of Baker Brothers. Prices and quality of stock averaged higher and an increase in the demand for flowering plants was noted. Violets were the only shortage.

HITCHCOCK, TEX.—Trade through the holiday period is generally limited here. Large quantities of evergreens, wild smilax, spruce and cedar are shipped principally to Galveston. Cape jessamine did well this year, writes Laura Biering.

LANCASTER, PA.—Greater volume of business, better prices and not enough roses and carnations to go around and a clean up on bulbous stock is the way George W. Schroyer sums up the Christmas trade. Flowering plants were wanted, especially in 8 and 10-inch pots.

VANCOUVER, B. C.—James Pont places this year's holiday trade on a par with that of last year. The demand for roses, carnations and violets was ahead of the supply. All kinds of pot plants sold readily and bulbous stock sold unusually well.

ATLANTA, GA.—A ten per cent increase, with last year's retail prices ruling, and not enough roses, carnations and violets, together with a good call for bulbous stock, were the principal Christmas trade features, as noted by the Nunnally Company.

ST. JOSEPH, MO.—1903 business was doubled. There was a surplus of roses and carnations, and all stock was of splendid quality. Fancy plant baskets were strong favorites. It was impossible, says L. J. Stuppy, to get good Christmas trees this year.

OAKLAND, CAL.—H. M. Sanborn thinks this year's business was better in point of sale values, quality of stock and general demand than last year. Cut flowers were a trifle scarce, while plants were good sellers. The weather was moist but pleasant.

LOS ANGELES, CAL.—With good prices prevailing and a good demand a twenty-five per cent increase was rolled up, writes A. F. Borden, of the Redondo Floral Company. Roses and carnations short in supply. Plants did not take with as much favor as last year.

FREDERICTON, N. B.—Colored carnations were the leading sellers and had the call over roses. The plant trade was not so good owing to the cold, 26° below zero. Demand for holly is increasing. In spite of the weather J. Bebbington & Son made uniformly successful deliveries.

DES MOINES, IA.—In many respects Christmas business surpassed that of last year and a twenty-five per cent increase in sale values is estimated by W. L. Morris. Red roses and carnations were scarce. Bulbous stock was not wanted at any price. A decided shortage in blooming plants was noted. Holly was generally poor.

PORTLAND, ORE.—Short supply of cut flowers, good quality and stiff prices, with little or no call for bulbous stock and a heavy demand for plants of all kinds covers the Christmas trade situation, report Martin & Forbes. Trade of 1903 was eclipsed twenty per cent.

HARRISBURG, PA.—Last year's business was eclipsed by an increase of at least twenty-five per cent, according to C. L. Schmidt, who states, also, that roses and carnations were in ample supply, the former commanding a higher retail price than last year. Could have used more plants.

UTICA, N. Y.—William Mathews puts the increase over last Christmas at fifteen per cent. More roses, carnations and violets could have been disposed of. Medium priced flowering plants sold well, the high priced plants going slowly. Poinsettias were among the most popular sellers.

VINCENNES, IND.—An increase of about ten per cent is noted by W. A. Rieman over the volume of business handled in 1903. Roses and carnations, as well as



Mrs. E. J. Brown.

bulbous stock, were in fine demand, but supplies were enough to take care of all orders. Flowering and decorative plants claimed a fair share of patronage.

NEW BEDFORD, MASS.—Christmas trade was about the same as last year. Flowers and plants both sold well. Carnations brought from 50 cents to \$1 per dozen. Violets were scarce and brought \$3 per 100. There never was so good a demand for Christmas trees, holly and evergreen wreaths and roping.

SEATTLE, WASH.—Christmas trade was excellent, everything being cleaned up at good figures. Roses sold for \$2 to \$3.50 per dozen; carnations \$1.50 to \$2; some chrysanthemums at \$2 to \$4 per dozen. The outlook is not rosy for a large supply of cut flowers for some time to come, as the growers cut close, says F. Boddy.

DUBUQUE, IA.—The week's business averaged twenty per cent better than last year with prices about the same, carnations being even a little lower, owing to a large supply. There were about enough roses and too few violets. There was a fair supply of bulbous stock with

light demand. Red roses were the favorite cut flower and the quality of all stock averaged better. Bright colored flowering plants were most popular. Moderate weather helped sales and saved work in wrapping.

LINCOLN, NEB.—The sale of flowering plants was fifty per cent greater than last year, and all trade twenty-five per cent greater, with prices the same, but sales much easier, reports C. H. Frey. There was no surplus of good stock. Scarlet carnations and red roses were the favorites. Every plant that bloomed sold well, even heliotropes and geraniums. Lorraine begonias were the favorite. Poinsettias, heretofore of slow sale, brought good prices. The call for plants was steady all week.

RICHMOND, IND.—Christmas business with G. R. Gause was fully fifty per cent ahead of any previous year. Carnations were in the lead, with roses a close second. Green, moss wreaths and holly sold well. Boston ferns were also in demand. The E. G. Hill Company reports prices ten per cent higher, roses and red carnations short and bulbous flowers of little demand. Carnations were of excellent quality, with a special demand for American Beauty roses, high grade roses of other varieties and carnations. There was little call for plants. Much appreciation of elegance in putting up Christmas flowers was noted.

ANDERSON, IND.—The supply of roses, carnations and violets here was not equal to the demand, which resulted from a business fifteen per cent greater than last year, with prices about the same. Both the supply and demand of bulbous flowers were good. Cut flowers were of better quality than last year. Carnations were in especial favor and poinsettias sold well. Begonia Gloire de Lorraine and cyclamens were the most popular plants, although ferns of all kinds pressed them hard. The demand for holly wreaths broke all records. There was an especially strong demand for flowers and plants all of Christmas afternoon, report Stuart & Haugh.

Ladies of The Trade.

MRS. ED. J. BROWN.

The portrait herewith is reproduced from a photograph of Mrs. Ed. J. Brown, proprietor of a flourishing retail establishment in Shelbyville, Ind. Mrs. Brown started in business as a commercial florist eight years ago by building a small greenhouse for growing bedding plants. She was very successful and soon added decorating and designing to her work. A lover of flowers, with an eye for color effects, she took very readily to the varied work of a floral artist. Mrs. Brown's neat and tasteful work and charming ways have brought her an ever increasing number of friends and customers.

GALVESTON, TEX.—Mrs. Charles Eickholt has returned from Germany, where during the summer she officiated as judge of the Dusseldorf exposition.

STAUNTON, VA.—John Fallon, aged 75 years, died December 27, 1904, after a brief illness of pneumonia. For thirty or forty years he had been the leading florist here.

WORCESTER, MASS.—The Worcester County Horticultural Society has issued its programme for the winter meetings. Four papers will be presented in January, four in February and one in March.

THE ROSE.

Indoor Rose Grafting.

Grafted stock has taken the place of own root stock in many of the rose growing establishments throughout the country, as it has proved superior to the latter with but few exceptions. Bride, Bridesmaid, Golden Gate, Gontier and many other varieties susceptible to club root have in many places been grafted with excellent results when it was impossible to grow them otherwise. Grafted

cheaper and handier as it can be raised if the case should get too warm. The sash used should be carefully glazed and the interior of the case should be thoroughly whitewashed, adding a little sulphur in slacking the lime, as a precaution against fungus. Everything in connection with the case should be scrupulously clean.

The cracks in the bottom of the case, which is usually built over a bench in one of the houses, should be covered with moss. A layer of finely screened coal ashes to the depth of about one inch is put in and pressed quite firmly, using wet moss to cover any cracks where hot air could enter from underneath. Give the ashes a thorough watering before placing the grafts in the case. A safe plan is to get the case running at the proper temperature before placing the plants in it. When closed it should be at a temperature of at least 75°. The case should be shaded by staining the roof of the house or hanging a thin cotton curtain to screen the sunlight from it. Now we are ready to start grafting.

The wood used should be taken from the plant where a bloom has been cut. It is best to leave an extra eye on the plant when cutting the buds so as not to cut the plant back too hard. Select only healthy wood that carries good foliage. If not, the foliage will be dropped after they are placed in the case. The eye should not be allowed to start before using as is shown in the accompanying illustration. After taking off some wood place it in cool, fresh water. With a sharp knife make a clean, slanting cut as shown in Figure 1, cutting the Manetti at the same angle.

Figure 1 shows the best style of grafting as both the Manettis and the top are evenly matched on each side. The foliage should be trimmed as shown in Figure 4. Figure 2 shows a side graft which is used when the Manetti is much larger than the wood to be used. Figure 3 is still another way to use a stem that is a little too large to match. Figure 4 shows the manner of wrapping and tying. The wrapping should extend a little above and below the splice. Great care should be used in matching the bark at the side of grafts as in figures 2 and 3. Wrap quite firmly but not enough to bruise the wood using raffia divided into a handy size. Do not keep the plants when grafted out of the case long enough to become wilted but run in each flat as it is filled, placing them in the case and sprinkling them lightly. The foliage should not be allowed to overhang the plant next to it, covering up the eye, as the moisture from the foliage resting on the eye of the grafts will cause it to rot.

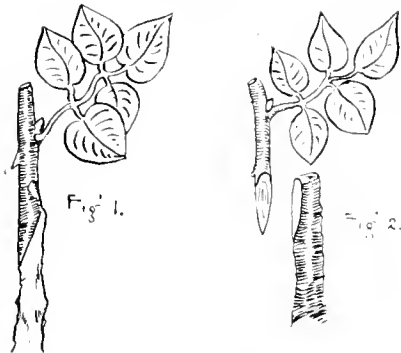
The case should be run at a temperature as near 75° as possible both day and night for the first four or five days. From this on the temperature should be gradually reduced to about 65°. After being in the case eight or ten days they should be given a crack of air. The thickness of a pot label is sufficient at first, keeping the house closed to avoid a draught. If on first being allowed a little air they become wilted, they are not far enough advanced to stand it. They should be sprayed lightly and shut up again and aired a little later, increasing the air as the plants are able to stand it. It will take three or four days usually to get them in condition to place outside of the case. After they have been out on the bench in a temperature of 62° to 65° they can be run at the regular rose house temperature. If the grafts strike

unevenly take out those that are farthest advanced and partition them off in a separate part of the case, keeping the others closed for a day or two longer. Never let the plants in the case become dry. Syringe each morning, propping up several sash at once. All shoots from the Manetti should be carefully removed as they appear, also any foliage they may drop. Open only one sash at a time in cleaning.

Grafted plants grow very rapidly after being taken out of the case and the wrapping should be carefully looked after as it may cut into the plant and spoil it. Do not remove all of the wrapping but loosen it as at this stage the plants are easily broken. Do not take it off entirely until the graft is united firmly.

To be successful in grafting no one should neglect any of these details. If he is not prepared to undertake it carefully I should advise him to purchase the stock from some reliable grower. On the other hand, if grafted stock is once planted under favorable conditions, the results to be obtained over and above own root stock will surely compensate the grower for the extra time and money expended in grafting his own stock.

E.



Indoor Rose Grafting.

stock produces larger and better blooms with much longer and stronger stems and a far greater percentage of flowers. At least, it has done so wherever I have seen it treated well.

If several thousand plants are to be grafted, it would be advisable to have the Manetti stock potted and put in a cool house as early in January as possible. Manetti stock is used in preference to any other variety of wild rose for this work, the best plants being those that are about the size of a lead pencil. The roots should be carefully trimmed, just enough so as to allow them to be potted comfortably in 2½ inch pots. Stock taking larger pots could not be handled nearly as well, owing to the increased amount of space they would require in the case. After the stock is potted in a good rose soil place in a cool house as before stated. Under a table of carnations, placing the pots in a good layer of ashes, will be found a suitable place for them if there are no heating pipes near. The temperature should be kept between 45° and 50° until root action begins as it is essential to have them start at the root without forming any foliage. A slight swelling of the leaf buds usually indicates the proper condition for grafting. Never allow the plants to become too dry. Syringing the tops thoroughly every day or two should keep them in good shape. They should be ready to work, if good stock, in from ten days to two weeks after potting, picking out the started ones as they appear.

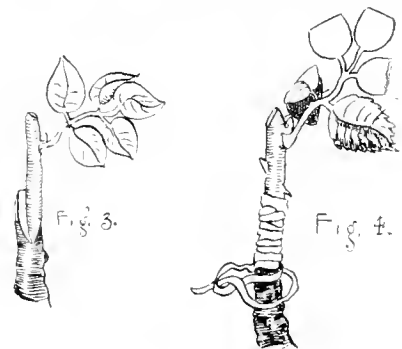
The grafting case should be so constructed as to be as near air-tight as possible. It should be about eighteen inches deep at the back and twelve inches at the front so as to give the sash a pitch, and to be handy to work at it should not be over four feet wide. A bench against the south side of a house where it is shaded, is a good place for it, provided there is enough bottom heat. Four 1-inch pipes will sufficiently heat a case of the size mentioned if they are enclosed underneath the case with cheap cotton cloth or thin boards, the cloth being much

MARKET GARDENS.

THE disastrous storms in the Sacramento valley, California, have affected the market price of canned asparagus materially.

Prices of Indoor Vegetables.

The prices of indoor vegetables at leading points last week were as follows: New York, cucumbers, No. 1, \$1 to \$1.75 per dozen; No. 2, \$2.50 per case; Boston, lettuce, ten cents to forty cents per dozen; mushrooms, twenty cents to forty



Indoor Rose Grafting.

cents per pound; radishes, \$1.50 to \$3.00 per 100; tomatoes, ten cents per pound. Buffalo, cucumbers, fifty cents to \$1 per dozen; tomatoes, twenty-five cents to thirty cents per pound. Denver, cucumbers, \$1.75 to \$2 per dozen. Cincinnati, cucumbers, \$1.25 to \$1.40 per dozen. Cleveland, mushrooms, forty-five cents to sixty cents per pound. Pittsburg, cucumbers, \$1.50 to \$1.75 per dozen; radishes, fifteen cents to twenty-five cents per dozen. Minneapolis, \$1.75 to \$1.85 per dozen. Detroit, cucumbers, sixty cents to seventy-five cents per dozen; lettuce, ten cents per pound. St. Louis, cucumbers, \$1 to \$2.25 per dozen. Philadelphia, mushrooms, twenty-five cents to thirty-five cents per pound. Chicago, Boston cucumbers, \$1.75 to \$3 per box.

Lettuce Wilt.

ED. AM. FLORIST:—I am considerably bothered with a strange disease affecting my lettuce. The lettuce seems to grow satisfactorily when planted, but in two or three weeks many of the plants commence to wilt. I have some left standing but they do not amount to anything. Would an application of acid phosphate help any? G. W. R.

The reply to "G. W. R.'s" questions concerning diseases of lettuce plants is rather difficult to make on a satisfactory basis without seeing the plants and making an examination of them. We can, however, suggest a few possible causes which might be the means of producing the abnormal conditions to which he alludes. Bulletin No. 69 from the Hatch Experiment Station, Amherst, Mass., contains a full description of all the diseases known to lettuce plants that have been found in the extensive houses of the Boston market gardeners. We have never seen anything exactly similar to what your correspondent describes except in cases where something is the matter with the soil. Expert lettuce growers about Boston do not apply anything to the soil, as a rule, except decomposed horse manure. I have seen instances, however, where growers in other sections of the country have used commercial fertilizers in their houses and have produced wilting and death to the plants by applying an excess of one or more elements contained in fertilizers. An excess of nitrates will cause the plants to wilt and die. An excess of muriate of potash will cause them to wilt in the same manner, but in the latter case we usually observe, in addition to the wilt, a burning or browning of the foliage.

It is possible that "G. W. R." has over fertilized, or it is possible that he may have some new fungus disease in the soil which is attacking the stem and causing a wilt. I know of one instance only where eel worms have attacked leaves and caused any damage. As a rule, these worms do not care for the lettuce as a host. It is seldom that when drop, rhizoctonia or botrytis attacks plants in the young stage they cause their death. If your correspondent used a good rich soil well supplied with horse manure and has not applied any fertilizers, I should think his trouble was caused by some soil fungus perhaps different from that which has heretofore been described in bulletins relating to lettuce. G. E. STONE.

Heating Tomato House.

ED. AM. FLORIST:—Will a 4-inch flow and three 2-inch returns attached to a saddle boiler heat a house 16x100 feet to 35°, the house to run east to west with a 10-foot double boarded back? We seldom get to zero here. The house is for tomatoes principally. G. J. B.

From the description it is inferred that the house is a lean-to with at best a low wall on the south side. For such a house with a temperature above zero, at least nine 2-inch returns would be required in addition to a 4-inch flow pipe. The number named above would hardly suffice to afford 50° in moderately cold weather. L. R. T.

ORMOND, FLA.—Harry V. Betts added some glass last year and expects to make more additions next spring. Everything at his place is in good shape now, with business excellent.

THE RETAIL TRADE

Saltford's Notice to Express Agents.

We reproduce herewith a notice to agents which W. G. Saltford, of Poughkeepsie, N. Y., sticks on certain of his express packages. There is a business ring to this which speaks for itself and leaves the careless express agent no excuse for delay in the delivery of urgent packages of flowers or plants.

A Chicago Christmas Design.

Many novel and striking plant arrangements were seen at John Mangel's retail store during the Christmas holidays. The illustration herewith presented shows one of the most popular sellers of the season. It is distinctively a new idea in lily of the valley arrangement and the design, which is exceptionally neat, quiet, yet very effective, is simple of execution and should grow into great favor. Difficulty has always been experienced in putting up lily of valley in such shape as to appeal to the buyer, but this piece

SPECIAL NOTICE TO EXPRESS AGENTS!

An agreement has been made to deliver this package to Consignee AT ONCE, and you are hereby authorized to pay any expense over the rate already paid in order to carry out this agreement, and expense

SALTFORD
FLORIST & DECORATOR
POUGHKEEPSIE, N. Y.

Saltford's Notice to Express Agents.
(Reduced-actual size 4x5¼ inches.)

looks like a satisfactory solution of the problem. Asparagus and chiffon bows are accessories well chosen and well placed in this instance. Growing lily of the valley, in pans, was used.

Pasadena's Tournament of Roses.

Los Angeles, Cal., January 2.—Under the most auspicious weather conditions imaginable and in the presence of 60,000 people, Pasadena to-day held her seventeenth annual New Year's feast of flowers, the celebrated tournament of roses. Perhaps never before in the history of this novel midwinter carnival has such a magnificent display of floral decorations been seen as that afforded to-day.

Pasadena was splendidly arrayed for the occasion, the scheme of floral decorations being carried out throughout the entire city. A series of beautiful canopy and triumphal arches embellished the principal business thoroughfares, through which the parade wended between long lines of thousands of spectators.

New York.

THE MARKET.

This is an off week. After the Christmas trade things were quieter and the market took on a more settled complexion. The weather helped considerably to make conditions. The days were dark and dull and there was an uncertainty as to the next day. One could not tell whether to expect rain, snow or sunshine. The total result, however, was that there was a short supply of cut

flowers and each day cleaned up well. All through the week the prices were firm and the commission men wore smiles. The ice-boxes were empty, and conditions were generally satisfactory. Following the Christmas trade and in anticipation of the New Year's business there was a good outlet for all the stock that arrived, and the shortness of the supply was to the advantage of what was shipped. New Year's is no longer a feature to be counted upon in the cut flower trade of this city.

In carnations, the demand for white has improved and prices have been firm at the figures quoted for all kinds. Roses are good and some very fine flowers are seen in the market, especially of American Beauty, the inference being that the crop for Christmas trade did not mature. Paper White narcissus has done better during the last few days. There are some gardenias, but they are not specially good in quality. Lilac is fine. Mignonette comes in but does not sell well. Violets are arriving in regular quantity and have held up well right through the week with a slight falling off in demand as these notes are written. Yellow narcissi are coming to hand in quantity, but are not in demand.

NOTES.

Installation of officers will be the principal business at the Florists' Club meeting to be held next Monday, January 9. A large attendance is expected and an enjoyable time is promised. The annual banquet of the club is scheduled for February 4 at the St. Denis hotel, when there will be a lengthy entertainment programme with an orchestra in attendance.

Tuesday's blizzard almost totally demoralized the supply service. The big wagon express from Summit, N. J., however, made a marvelous trip and arrived Wednesday morning on time.

Not a single grower was to be found at the Cut Flower Exchange Wednesday morning, January 4, owing to heavy snow storms.

Charles Koch, of Flatbush, has a bench of forget-me-nots about ready for cutting.

Fine white tulips are arriving in good shape this week.

Visitors: Carl Jurgens, Jr., Newport, R. I.; Samuel Pennock, Philadelphia.

Chicago.

THE MARKET.

The 1904 holidays now being history, market conditions have degenerated into a veritable slump and prices in all lines are ridiculously low. New Year's witnessed a healthy demand for roses, carnations and violets, but Monday, even these staples took a fall. No line, except it be tea roses, is exempt from the apathy which is so prevalent; and stock, which for quality has never been excelled, stands around waiting for the buyer who does not materialize. The best demand this week is for tea roses, the prices of which are being maintained to something like a respectable height. The better grades of teas find no difficulty in moving, while the cheaper classes are being sacrificed at starvation prices in order to keep them from the dump. The American Beauty situation is pathetic. It is sad to contemplate the quotations for blooms that two weeks ago were snatched up for a dollar apiece, now commanding tea rose prices. This condition has obtained for the past four days and relief is not promised. The shortage in roses is confined to Bride and Bridesmaid, Liberty, of course, being always shy in quantity. There is enough medium

length stock to keep apace with the demands. Carnations, too, have performed the toboggan act since Christmas. Good quality stock is now quoted as low as one cent, while there are grades running as high as five cents for the extra selects. Carnations are going to waste, even the colored varieties being thoroughly plentiful. The violet situation is no better. While the figures are low and the quality unsurpassed, there are many gently deposited daily on the rubbish heap in the back alley. And all this only a fortnight's distance from the greatest flower period in the year! *Harrisii* lilies are doing their share in keeping the market together. These are not given a chance to accumulate and good prices are paid for them. Poinsettias have been cleaning up daily, the retail trade using up most of the local product. Shipping trade is keeping up well.

NOTES.

The members of the Flower Growers' Company met on the afternoon of January 3 and elected the following directors for the ensuing year: Emil Buettner, A. Henderson, W. L. Tonner, F. R. Hills and John Sinner. The following officers were elected: Emil Buettner, president; W. L. Tonner, vice-president; F. R. Hills, treasurer; A. Henderson, recording secretary; Percy Jones, manager and financial secretary.

E. G. Hill of Richmond, Ind., was in the city Wednesday, exhibiting a vase of the E. G. Hill Company's new hybrid red rose, Richmond. It was on show at the salesrooms of Benthley-Coatsworth Company, where it attracted much attention. This is the rose that is expected to give Liberty a grand race.

Charles McKellar, whose specialty is orchids, says that the shipments from the east will be heavier from now on, the crops coming again into fine shape. Cattleyas and dendrobiums proved good sellers for the New Year's festivities.

The Grand Rapids Growers' Association has passed its first month in the local market and the amount of business done is most encouraging. The directors held a business meeting December 27 at the offices in Grand Rapids.

There was a meeting of the creditors of August Dressel, in bankruptcy, January 5. Little remains in the way of assets except four acres of ground, but so far it has not been considered advantageous to place this on the market.

Benthley-Coatsworth Company's stock of Bridesmaid is in splendid midwinter condition. The crops of all the teas are on in force. A steady demand for seed of the new Benthley aster is reported.

A uniformly good lot of *Harrisii* lilies are being handled by the E. F. Winterson Company. The apathy shown in this line for some time promises to fade away as the Easter season approaches.

George W. Scott, of E. F. Winterson Company, has been indisposed for a week with an attack of the grip. All of the members of his family are also ill with the same malady.

High winds on the night of December 27 wrought some damage to greenhouse property in the vicinity of New Castle, Ind. None of the Chicago growers were touched, however.

The Flower Growers' Market dealers are always among the first to clean up on all stock, both on the morning and afternoon shipments from the consignors.

Vaughan & Sperry, of the Market, filled a number of large rush New Year's day orders and express satisfaction with the holiday trade in general.

Tulips at A. L. Randall Company's are

of the unapproachable kind in point of quality, and there appears to be an increasing demand for them.

Kennicotts are getting ready for a heavy spring business. Violets are being handled here in immense quantities, with quality a distinct feature.

The employees of E. C. Amling presented him with a magnificent gold charm, studded with a diamond, as a Christmas gift.

The feature of the evening was an exhibit of carnations by C. W. Ward, of Queens, L. I., who brought them over himself. There was a vase of fifty blooms of the magnificent scarlet Robert Craig and several vases of seedlings, all exceptionally fine. Among them were some fancy white and pink. J. R. Dillon, of Bloomsburg, Pa., also staged a vase of a new scarlet called the Critic. This looked like a good everyday variety to rank



A CHRISTMAS BASKET OF LILY OF THE VALLEY.

(By John Mangel, Chicago.)

Deustel Brothers, of Galewood, Ill., have opened a stall in the Flower Growers' Market.

E. E. Peiser, of Kennicott's, has been indisposed with an attack of tonsillitis.

W. N. Rudd has been at home with an attack of the grip this week.

Visitors: William Hagemann, Charles Schwake and C. Wayne Ward, New York.

Philadelphia.

NEW YEAR'S RUSH.

The new year was ushered in with a rush of business, the stores seeming to have about all they care to handle. American Beauty roses were scarce, all the grades being picked up at sight. Prices ranged from 75 cents for the specials down. As the day wore on they became very scarce and there was much telephoning, etc. At the market an ordinary 50-cent grade was being pushed off at 75 cents, which it was said the dealers were glad to pay. All other grades of roses sold well, the special teas ranging as high as 20 cents, Leo Niessen getting this for his best stock, which was very fine. Special Liberty brought 35 cents. Carnations also moved lively at good prices. Violets were in demand at \$1.50 for the best doubles. Poinsettias have sold very well during the holidays. Gardenias are very scarce, the little half dozen shipments being guarded carefully and immediately set aside with a sold label as soon as received. Bye and bye it will be different. Good greens of all kinds are scarce. Fine spray asparagus sells on sight and there is not enough of good adiantum to go around.

FLORISTS' CLUB MEETING.

The January meeting of the Florists' Club was but slimly attended, not only were there but few members present but neither the genial secretary, Edwin Lonsdale, nor the stalwart treasurer J. W. Coldesh, both being under the weather.

better than Joost in size and said to be more productive. In the discussion the keeping qualities of carnations was taken up, the Enchantress being particularly mentioned. Mr. Ward, seconded by Mr. Stroud, said that it should be grown cool at all times and picked when about two-thirds open. If given as high a temperature as most other varieties and allowed to open out on the plants it would not keep long enough to give satisfaction to the buyer. Mr. Ward spoke of the great demand for Lorraine begonias in New York and predicted that they would become one of the staple plants for the Christmas trade everywhere.

NOTES.

A meeting of the creditors of Robert Craig & Son will be held January 12 to consider certain methods of carrying on the business more economically than is possible under present arrangements.

Robert Scott & Son are cutting a fine lot of American Beauty roses. The gardenias are coming in gradually and will be at their best during February.

The Philadelphia Cut Flower Company is receiving something extra choice in carnations, Enchantress and Lawson being particularly fine.

The Adiantum Farleyense sent in from H. H. Battles, Thornhedge, for the holidays was the best seen in the city this season.

August Lutz, of Poweltown avenue, had a fine lot of poinsettias, both for cutting and in pots, for the holidays.

Joseph Heacock had a great crop of American Beauty roses, hitting it just right for the holidays.

Faust, of the Merion Greenhouses, has a house of Adiantum Croweanum that is fine.

Robert Craig and wife spent New Year's in Washington as the guest of Wm. R. Smith. K.

Boston.

THE MARKET.

The slump which invariably occurs after Christmas is now on and the bottom has completely fallen out of the market. Very little stock is now being produced. The prices asked are about normal and are now where the out of town trade can reach them. There was little increase in trade because of New Year's day, it not being a legal holiday in this state. Fancy carnations are going very slowly. Violets are selling from 50 cents to \$1.25 per 100. American Beauty sell at from \$40 to \$60 per 100 for the best, and from \$8 to \$25 per 100 for the medium grades. Paper Whites, hyacinths and lily of the valley are all druggery, with \$4 per 100 the top price on lily of the valley. Stevia is being disposed of fairly well. Lilies, both Harrisii and callas are down to 8 cents, and go slowly. Greens, with the exception of smilax, is selling well. Sprengerii is getting rather short. The retailers and growers report an exceptionally good Christmas trade, and the same applies to the wholesale trade in plants and colored cut flowers. Light colored cut flowers showed a marked falling off on previous years.

NOTES.

Henry M. Robinson & Company, of Province street, report that the past year has been the best in their experience covering a period of fifteen years. They report that on account of the scarcity of dagger and fancy ferns the price on both of these varieties has been put up to \$1.50 per 1,000, to take effect January 1. The price on these is apt to go still higher.

James Denning, the well known salesman of the J. A. Budlong & Sons Company, of Providence, R. I., died suddenly on Saturday of last week, the funeral being to-day, Monday. He has had charge of their Boston sales for a number of years and was very popular among the trade. H. P. S.

Baltimore.

THE MARKET.

Christmas over, with its uncomfortable experiences of ice, snow and slush, we have had four or five days of clear, bright weather, the atmosphere electric, with life and energy, the skies cloudless, the sun warm and vivifying. Its continuance will bring more abundant and better roses than for several weeks. The cut flowers have all been taken up, the supply not being abundant for the week and in some lines orders were hard to fill. The usual demand for the festivities of the holiday season were supplemented by several weddings and funerals, and by Saturday night all stocks were closed out. The week developed a marked scarcity of poinsettias and more Harrisii lilies were asked for than local growers could furnish.

THE CHRISTMAS TRADE.

Harking back to the holiday trade, it seems the general verdict that, notwithstanding the untoward weather conditions the usual amount of business was done, even in most cases with a good margin of improvement. Of course, there were some exceptions, a few stores reporting the difficulty in getting about the streets deterred regular customers and wiped out much transient trade. Others assert that there was no shopping, meaning thereby no going from store to store, but when a purchaser determined upon an investment in flowers, plant or

basket, it was found and secured at the first store visited. Deliveries extended over Saturday and Sunday and there was no extremely low temperature. Flowering plants were in great demand, red being the favorite color. Poinsettias had the call whether in pans, combination baskets or long cut stalks. Azaleas kept their old time position in public favor, and some stores found cyclamens good sellers. The Lorraine begonia hardly kept its place in popular estimation though many were sold. Baskets and hampers were cleaned out, and doubtless many an old fellow who had long adorned the upper shelves found its way out under the demand for these articles. Red carnations could not be supplied in the quantities desired and American Beauty roses of really first-class quality were lacking. Prices were fully maintained, and there was little grumbling among buyers.

MacRichmond, now in the greenhouses of the department of agriculture at Washington, had his vacation during the holidays and lent a helping hand to his old employers, the Halliday Brothers. S. B.

Washington.

CHRISTMAS ECHOES.

The new year brought very good business, quite a number of social events and an increased demand for plants and cut flowers over the closing days of the old year. The buyers as well as the sellers must have some rest and it was natural that there would be a lull for a few days after Christmas. Considering the fact that the Christmas business was done under the drawback of most miserable weather, it will go down in the trade annals of the national capital as a record breaker. A few of its echoes follow:

J. H. Small, Jr.: "It was the best Christmas trade we ever had."

W. F. Gude: "We sold everything."

Geo. H. Cooke: "The best Christmas I ever had."

Z. D. Blackstone: "We did a great business."

John Robertson: "I sold everything and could have sold more if it had been on hand."

Geo. C. Shaffer: "We had a fine Christmas trade."

Other retailers, including the Centre Market dealers, expressed themselves in like vein.

Receptions and dinners are now the proper thing. From this time until after the inauguration of President Roosevelt, there will be some high class work done hereabouts in the line of decorating. From present indications the inauguration and attending decorations will surpass anything that has ever occurred in this capital.

NOTES.

George Field, discoverer of the American Beauty rose, is just raking in the "long green" during these merry holidays. This is accounted for in the fact that he has cattleyas, vandas and cypripediums in great quantities and the other fellows must have them. I am authorized by Mr. Field to state, that his new rose, Tom Field, is a sport of La France, pure and simple, and not a cross from anything as has been erroneously stated by some writers. He is cutting fine blooms on thirty-inch stems of this rose and his faith in it is unshaken.

A. Gude & Brother have in their window a basket of Dendrobium Cassiope. This variety is native in the Philippine

Islands and rare in this country. The exhibit is owned by Clarke Brothers.

John Robertson is having so many orders for table decorations of Enchantress carnations that he has hard work to get enough blooms.

Alex. B. Garden is cutting fine Enchantress and Crane carnations and has made quite a hit with short poinsettias in pans.

Geo. H. Cooke had a very pretty New Year's day dinner decoration of Bridesmaid roses and Adiantum cuneatum.

John Brown is sending in fine blooms of Enchantress, Lawson, Estelle and Gov. Wolcott carnations.

George A. Comly has a lot of nice Begonia Gloire de Lorraine in five-inch pots, which is selling well.

The Gudes had a great Christmas sale of their big Boston ferns and adiantums.

F. H. Kramer is cutting a great crop of tea roses.

S. E.

St. Louis.

THE MARKET.

The market between Christmas and New Year's was steady. The weather up to New Year's day was warm and spring like and on Monday it snowed and grew much colder. Carnations held up in price from four to eight cents and a few at three cents. White is the most plentiful and this week we look for a decided falling off in demand and in prices. The public has this year more than once complained of the high prices, although the retailers' profits have been very small. Something must be done in the near future in regard to a more regular scale of prices for the general public, as they are the medium to which the growers must look for the demand and disposal of their stock. Violets have been selling for from \$1 to \$1.50 per 100, but these will take a tumble this week, especially if weather should be bright and cold. Romans have been very plentiful and move slowly. Harrisii lilies have also been abundant and have to be sold at very low figures in order to force sales. Roses have sold for from three to ten cents for fancy. American Beauty seems to be very scarce. The florists in general report good average trade for the holidays.

NOTES.

Park Commissioner Aull has submitted a report to Mayor Wells recommending that the statue of St. Louis at the World's Fair grounds and other statuary be preserved and placed in position in Forest park next spring.

Patrick Quinn, brother of John Quinn, the Grand avenue florist, was shot dead in a quarrel with a fellow teamster last week.

The Riessen Floral Company handled a large number of California violets, fancy carnations and American Beauty roses.

A. Jablonsky has a fine stock of carnations coming in from his new houses. His Lawson, Crane and Peru are very fine.

John Nyflot reports good trade for the holidays. His place is located near the Calvary and Bellfountain cemeteries.

C. A. Kuehn reports trade the best he ever experienced. He had the satisfaction of not getting any pickled stock.

H. B. Stocke, chief florist at the World's Fair, has resigned. Early in January he will go to Washington, D. C.

Alex. Siegel reported trade as first-class. He had some extra fine berried holly which sold at sight.

M. Keck, of Washington, Iowa, sent some fine Harrisii lilies and carnations to this market.

George Waldbart sold violets, carnations and blooming plants in large quantities.

Young & Sons had a very fine display of blooming plants and choicest flowers.

G. Walters was very busy with all kinds of designs for the Christmas trade.

Alex. Walbart cleaned out a large assortment of blooming plants.

Ostertag Brothers will be very busy all week with decorations. W. F.

Toronto.

THE MARKET.

Christmas business proved a record breaker and had the supply of roses been larger the increased sales would have been enormous. The temperature was very low, making deliveries most difficult. The cut flower orders were generally sent out in good condition, but difficulty was experienced in handling plants. Roses brought good prices, American Beauty selling for \$25 per dozen for fancies and a few MacArthur brought \$6. Meteor, Bride and Bridesmaid were from \$2.50 to \$5 per dozen. Carnations were in good supply, red being more plentiful than ever; prices ranged from \$1 to \$2.50 per dozen. Violets were too plentiful, the wholesale price being \$3.50 per 100. Harrisii and callas and some very good late chrysanthemums were in good demand. Lilacs, azaleas and poinsettias found favor with the public. The sale of greens was much better than former years and the supply ran out. Holly was not as good as other years, being quite shy on berries, but mistletoe, especially the southern, was fine.

NOTES.

Grobba & Wandrey had all they could do; thousands of cyclamens, ferns, poinsettias and arrangements in red tulips and hyacinths were in good demand.

The Cottage Flower Shop, under its new manager, showed some very artistic windows and reports business decidedly in advance of other years.

Frank Duffort has the sympathy of the local florists. Three members of his family are suffering from diphtheria.

Charles Tidy had his store and conservatory well filled with stock and did a rushing business.

Dunlop's retail store did a large business in hampers and fancy basket arrangements.

It is reported that one of our department stores lost over \$300 in frozen plants.

Manton Brothers supplied most of the good Gloire de Lorraine begonias.

Wm. Jay & Son were well pleased with business. H. G. D.

Cleveland.

New Year's business did not show any increase over last year, but sufficient was done to clean up all good stock coming into the market. The supply having shortened up considerably since Christmas, several large funerals helped to clean up the surplus white stock, which left the market in a healthy condition. Prices during the holiday week were good.

Bate Brothers are sending in Enchantress carnations which are certainly eye openers, measuring three to five inches across. Their new tile bench, which is an invention of Guy Bate, the senior member of the firm, is receiving a good deal of attention from the growers hereabouts and is so well thought of that

several large orders have been placed with them for delivery this spring.

The Essex Greenhouses easily carried off the palm with their American Beauty cut during the holidays; such splendid blooms were never seen in this market before and would be hard to beat anywhere. M. Bloy, the manager, is to be congratulated on his success. This firm contemplates going into American Beauty more extensively next year.

Louis Hummel & Son, who have been in business about a year, do a wholesale and retail business in bedding plants. They have about 15,000 square feet of glass.

Milton Parks is very much elated over his holiday business. The increase with him amounts to nearly fifty per cent over other years.

Collins & Harrison had a splendid display in their new store and sold out clean on plants and cut flowers.

Visitor, John Walker, Youngstown, O. Echo.

Milwaukee.

Trade for New Year's was fair and compares favorably with former seasons. However, there was plenty of stock on hand at the close of business. The warm weather helped to bring in an immense amount of stock that was not intended for the week and in consequence the receipts on Saturday were too heavy for the demand. Prices held up well during the first part of the week but Friday and Saturday there was a decided weakening of the same. Long American Beauty roses are now arriving in large quantities but the medium lengths are still short of demand. Violets sold well.

The Florists' Club held its monthly meeting Tuesday. The officers for 1905, viz. F. P. Dilger, president, Rob't. Zepnick, vice president, Herman V. Hunkel, secretary, and Curt Dallwig, treasurer, were installed, and if their promises come true, the club will be greatly improved during the year. W. A. Kennedy read a paper on rose culture. It was ably done and caused considerable comment.

John Howard's Enchantress carnations are now in extra fine condition with heavy crops.

Mrs. M. Davis, of M. A. McKenney & Company, is on the sick list. V. H.

Denver.

The florists throughout the town enjoyed a very prosperous and lively Christmas trade. Carnations were especially scarce, and the same can be said of American Beauty roses. They retailed from \$3 to \$20 per dozen, and the market was cleaned up in all grades. In fact, I do not believe there was a surplus of any kind of stock. Poinsettias were exceptionally fine. Those grown by Ben Bolt were said to be the finest produced by the trade, either east or west. This was the opinion of florists who saw them before the holidays. We were very fortunate as regards the weather, which was moderate until Sunday night, and then we had a severe snow storm, the thermometer dropping as low as 10° below zero Tuesday morning. In all, I think the florists have a great deal to be thankful for.

The Scott Floral Company, on Sixteenth and Champa streets, had one of the finest window displays that was ever shown in Denver. It was full of poinsettias, with red lights, red shades and red bells. It attracted a great deal of attention. PLATTE.

Lowell, Mass.

Christmas business was the heaviest ever experienced here. The first feature of the heavy business was the immense amount of greens handled. Merrimac square was a miniature forest until Christmas, when everything was cleaned out. At no other time were the shops decked out in their finery as they were this year. This was the year when the public caught on and bought with vim, and by Saturday night almost everything was sold. The cut flower supply was excellent. There was no pickled stock to be seen anywhere. Carnations were as popular as ever, especially the red varieties, which brought \$2 per dozen. The rose supply was enough to go around. Bridesmaid were the ones sought for most after the red varieties were disposed of. Business since Christmas has been on the jump.

All that remained of the stock of P. R. Burt was sold at public auction by a deputy sheriff last Wednesday. A. M.

Providence, R. I.

The Agricultural College of Kingston, R. I., is endeavoring to interest the legislature to appropriate the sum of \$15,000 for greenhouse equipment to be used as an experiment station. Once before the state has been approached on this matter, but did not deem the subject an essential one, giving a shortage of funds as a reason for not pushing the idea; but the present committee at the state house has given its encouragement and promises to present the appeal before the legislative body this spring.

Business has been quiet. The weather has been mild and bright, thus producing a large cut of all flowers and a decrease in prices. Good roses of short stem wholesale as low as two cents each, and carnations bring \$1.50 to \$3 per hundred.

The Florists' Club give the annual banquet on Thursday evening January 12, and tickets may be procured from any of the members. A fine time is anticipated. M. M.

Lincoln, Neb.

Trade holds up fairly well since Christmas, while everyone is satisfied with the holiday business. Most growers could not get their azaleas into bloom for the season. Carnations are doing well here, most of the better varieties looking good. If Lady Bountiful keeps up its present gait it will outclass any other white hereabouts.

C. H. Frey had fine Niobe and Van der Cruysen azaleas in bloom for the holiday trade, which sold at prices twenty-five per cent higher than other varieties. C. H. F.

Columbus, O.

The coming year, if indications can be relied on, will be a prosperous one. A fine lot of stock is to be seen with every grower in this locality, not only to meet the demands in the cut flower line, but that of the plant trade as well. Christmas will go on record as the most prosperous one in the history of the local trade. Stock was in best of shape everywhere in spite of the cloudy weather. There were some fine lilacs, azaleas, begonias and poinsettias, and it is safe to say not a plant remained with the grower longer than Christmas day, and they sold at very satisfactory prices. CARL.

THE AMERICAN FLORIST

TWENTIETH YEAR.

Subscription, \$1.00 a year. To Europe, \$2.00.
Subscriptions accepted only from those
in the trade.

Advertisements, on all except cover pages,
10 Cents a Line, Agate; \$1.00 per inch.
Cash with Order.

No Special Position Guaranteed.

Discounts are allowed only on consecutive inser-
tions, as follows—8 times, 5 per cent; 13 times,
10 per cent; 26 times, 20 per cent;
52 times, 30 per cent

Space on front pages and back cover page sold
only on yearly contract at \$1.00 per inch, net.

The Advertising Department of the AMERICAN
FLORIST is for florists, seedsmen and nurserymen
and dealers in wares pertaining to those lines only.

Orders for less than one-half inch space not accepted.

Advertisements must reach us by Wednesday to
secure insertion in the issue for the following
Saturday. Address

AMERICAN FLORIST CO., Chicago.

When sending us change of address, always send
the old address at the same time.

God's Garden.

The years are flowers and bloom within
Eternity's wide garden;
The rose for joy, the thorn for sin,
The gardener God, to pardon
All wildling growths, to prune, to aim,
And make them rose-like in His name.
—RICHARD BURTON.

CRESTED BEGONIAS are growing in
favor in Europe as bedding plants.

E. G. HILL says he is well pleased with
the way leading growers are taking to
Richmond, his new red rose.

THE annual convention of the Ameri-
can Carnation Society, to be held at Chi-
cago January 25 and 26, is much earlier
than heretofore and less than three weeks
distant.

Potting Tuberous Begonias.

ED. AM. FLORIST:—What time should
one pot single tuberous begonias to have
them in bloom by the middle of May and
what temperature is needed for the best
results? L. B. W.

Tuberous begonias need not be potted
before the first week in February in order
to have them in bloom by the middle of
May. E. L.

Sweet Peas for Easter.

ED. AM. FLORIST:—Kindly let me know
through your columns the best time to
sow sweet peas to have them for Easter
flowering. F. S.

No time should be lost in sowing sweet
peas to be satisfactorily in flower for
Easter. The seeds germinate in a few
days after sowing. Care must be taken
that the young plants are not neglected,
as they grow very rapidly. They should
be handled as soon as possible after they
have started and placed into their flow-
ering quarters without delay. Sometimes
sweet peas are grown in boxes six inches
wide and as much deep, and three or four
feet long, or any other convenient length.
They are also planted at convenient inter-
vals among carnations, supported by
stout strings to the root. Less frequently
are they grown in pots, and should be
more often seen. Very satisfactory spec-
imens can be grown in 10-inch pots, five
plants to a pot, trained to branches of
the twiggy birch. The top of a symmet-
rical young birch tree would be an ideal
support for specimen pot plants of sweet
peas. The flowers come to bloom more
quickly if the young shoots appearing at
the base of the plants are removed. There

are varieties of sweet peas which have
been especially selected for winter bloom-
ing, among which may be mentioned
Mt. Blanc, white and re-selected Blanche
Ferry, pink and white. A carnation
house temperature suits them best.

E. L.

New Dahlia Sport.

ED. AM. FLORIST.—Being a great lover
of dahlias I tried this season to raise
some and it seems succeeded in raising a
sport. Among 1,000 seedlings is a beau-
tiful royal purple, very double, and each
floret or petal has two distinct feather-
like appendices attached to its base.
One-half of each is white and the other
half red or purple. Do you know of any
such flower in the east? H. S.

From the description of the royal pur-
ple double dahlia, it appears to have
taken upon itself a sportive character
somewhat unusual. It should be taken
good care of and educated to throw up
green shoots toward spring, which root
quite easily. The original and the young
plants must be watched carefully to see
if they retain the characteristics as
described. Some dahlias show peculiari-
ties in their first year, which they never
show again. It appears to be quite dis-
tinct from any other variety that I have
seen. The "collarette" dahlias have not
seemed to make much headway; out of
five packets of seed secured none of the
young plants resulting exhibited any
tendency towards the collarette forma-
tion. Whether the originals hold their
own or not I do not know. E. L.

Mealy Bug on Tree Ferns.

ED. AM. FLORIST:—Please state how to
get rid of mealy bugs on tree ferns. Any
information on the subject will be greatly
appreciated. H. W. G.

One of the safest methods of disposing
of mealy bugs on tree ferns is by repeated
fumigations with one of the various nic-
otine preparations, of which there are
several offered by the seedsmen and
dealers in horticultural supplies. At this
season there is likely to be but little
young foliage on the tree ferns, and they
will, therefore, stand quite a strong fum-
igation without injury. For example,
one may use six to eight rolls of aphs
punk in a greenhouse 20x100 feet with-
out injury to young growth on Boston
ferns, and of a somewhat similar prepa-
ration known as nico-fume, eight to ten
rolls may safely be used in a house of the
same size. Such a dose as this will kill a
great many of the mealy bugs, though not
all, and it may be necessary to repeat the
treatment two or three times.

If the plants in question are very tall
and have their fronds up near to the roof
of the greenhouse I would suggest giving
less of the nicotine in a dose, the vapor
naturally rising to the roof first; but if
the plants are short there would be but
little danger of injury to the fronds by
using the quantity first suggested. There
is also some difference in the amount of
fumigation endured by different species,
and *Dicksonia Antarctica* or *D. Schiedeii*
will be likely to stand more than some of
the *Alsophylas*. W. H. TAPLIN.

English Sweet Pea Society.

The annual meeting of the National
Sweet Pea Society of England was held
in London, December 13. The reports of
officers indicate that the society is in a
prosperous condition and well equipped
to carry through the present year the

special work for which it was created.
In the election of officers Percy Waterer
was selected as president and C. W.
Breadmore chairman of committee. N.
N. Sherwood and H. J. Wright were
re-elected treasurer and secretary, respec-
tively. It is proposed to issue a "Sweet
Pea Annual" as the official publication
of the society.

Society of American Florists.

DEPARTMENT OF PLANT REGISTRATION.

W. L. Lewis, Marlboro, Mass., sub-
mits for registration seedling carnation,
Mrs. W. L. Lewis (Flora Hill x Mary
Wood). Color snow white, flower three
inches across, well built, with long and
stiff stem. A burst calyx has never yet
been seen on it. The bloom is a good
keeper. WM. J. STEWART, Sec'y.

Pipe and Boiler Troubles.

ED. AM. FLORIST.—The undersigned
subscriber is enclosing a plan of piping
as installed in a greenhouse. There are
two rows of houses on each side of the
potting shed. The piping is only shown
on the west row. There are two sec-
tional boilers with ample capacity to
heat the glass, and nearly twice the size
needed as rated by the manufacturers.
There appears to be a sluggish circula-
tion in the entire system, although all
coils heat up about alike, but the tem-
perature between mains and returns is
claimed to be too great, and consequently
not sufficient heat is claimed to radiate
from the returning coils. The tempera-
ture inside to be 60° when the outside
temperature falls to 20° below zero.
The rating and fire surface of the boiler
is given on the plan, also the sizes of
mains, returns, number of branches in
coils, and the sizes of their flows. Best
gate valves with full openings are used,
one on each return of each coil. The
boilers are valved off with same quality
of gate valve. The system is erected on
the down hill principle and horizontal
pipes have a fall of one inch to twelve
feet. The work is all done in a neat and
careful manner. The main in the potting
shed is overhead and the return under the
potting shed floor and drops at the boiler
as shown. We have made the plans as
clear as possible and think you will under-
stand them fully. Will you kindly look
these sketches over carefully and advise
us where, in your judgment the trouble
lies? The plant is so arranged that all
air should rise to the high point, which
is over the boilers. Do you think an up-
hill system is more advisable for this
plant? Would you recommend greater
fall to the piping than there is now? The
boilers are of the slip nipple cast iron
pattern, having one 6-inch nipple at
top through centre and one 6-inch on
each side of the water leg at grate level.
Should be pleased to hear from you as
soon as possible. R. R.

The plan shows four houses 15x125
feet each, heated by means of an 8 sec-
tion boiler, which has a grate area of
3x40 inches and a fire surface of 352
square feet, and there is another similar
range of houses on the opposite side of
a potting shed supplied by another
boiler. In each of the houses there are
two 3-inch flow pipes and ten 1½ inch
returns, except that there is an extra re-
turn in each of the outer houses. The
piping seems admirably arranged except
that the size of the returns is too small
for houses of this length unless the coils
are well above the boiler, or the system

is operated under pressure, neither of which seems to be the case in this range. In a rough way it can be estimated that there is not far from 2,750 square feet of radiation in each range, in addition to nearly 250 feet in the mains, or approximately 3,000 square feet, which must be supplied from each boiler. This radiation I would not change except to use 2-inch pipe in the coils, or place it under pressure.

Aside from this the difficulty seems to be in the boilers. Although the style of boiler is not given and it is stated that the rating as given by the manufacturers is twice as large as required, the size given for the grate and fire surface indicate that they are at least twenty-five per cent smaller than they should be, and an increase of fifty per cent, or the addition of another boiler could probably be made with economy of fuel. If the construction of the boilers is such that a pressure of ten or fifteen pounds can be secured with safety, it is probable that the difficulty with the circulation would be lessened. L. R. T.

Pittsburg.

FLORISTS' CLUB MEETING.

The two important features of the Florists' Club meeting which was held on Tuesday, January 3, were the nomination of officers for the ensuing year, and the general meeting itself, at which plants, greens and Christmas material were discussed. President William Falconer declined to permit the use of his name and respectfully urged the selection of another deserving member. T. P. Langhans was then selected as the president. Mr. Langhans has been a hard worker for the club and he will continue to add to the enthusiasm of the meetings. E. C. Reineman was nominated vice-president, H. P. Joslin, secretary, E. C. Ludwig, assistant secretary, and Fred Burki, treasurer. The executive committee is composed of P. S. Randolph, John Bader and Fred Burki. An interesting collection of specimens of Christmas greens was presented and discussed. Some of the specimens were from as far east as Germany and as far west as California. The report of the secretary shows the club to be in a prosperous condition, with 147 names on the membership roll.

NOTES.

New Year's day and Monday caused a big demand for violets and American Beauty roses. The cold weather which now prevails has suppressed business considerably.

J. B. Murdoch & Company have concluded to expand their glass by adding three new houses at Van Eman station.

The Pittsburg Cut Flower Company finished up the holiday business in fine shape by making it their banner year.

Geddes & Blind Brothers are delighted with the holiday business, which showed a substantial increase.

E. C. Ludwig has every confidence in the future of his store in Allegheny.

Randolph & McClements decorated the Hotel Schenley New Year's day.

E. L. M.

Odd Items.

It is announced that the Hungarian flower girl, familiar to visitors of the Tyrolean Alps at the St. Louis World's Fair, is to be the wife of an English millionaire.

Green chrysanthemums were exhibited the other day at a flower show in Essex, England.

Lenox, Mass.

The Lenox Horticultural Society held its regular meeting on Saturday evening, December 17. A diploma was awarded to Thomas Proctor, gardener to Mr. Patterson, for six spikes of *Calanthe Veitchii*. A. J. Loveless, E. R. Norman and George Foulsham were the judges. In the evening the society had a large dinner in the town hall. Over eighty tickets were sold. Much credit is due to the committee: A. J. Loveless, Percy Jeffery and Wm. Woods. C. O. D.

OBITUARY.

C. B. Derthick.

Charles B. Derthick, of the Ionia Pottery Company, Ionia, Mich., died December 23. Mr. Derthick was well known to the trade as a pot manufacturer, having been a member of the S. A. F., attending several recent conventions. He was born in Akron, O., November 28, 1855. He had been ailing for a month, and for two weeks was confined to the house, death being due to a stroke of paralysis.

James Monroe Kimberlin.

James Monroe Kimberlin, the well known seed grower of Santa Clara, Cal., died at his home in that city December 26. Two years ago he was stricken with paralysis and ever since has been slowly drifting towards the end. Mr. Kimberlin was born in Botetourt county, Va., January 20, 1828. He graduated from Dickinson College, Carlisle, Pa., and afterward was married January 8, 1852, to Miss Katherine E. Reed, of the latter place. They immediately started for California, settling in San Jose, where Mr. Kimberlin became a teacher in the San Jose Academy. He kept this position about a year and then accepted a professorship in the University of the Pacific, which was at that time located at Santa Clara, where he taught the languages, modern and ancient, for a period of twelve years. He then resigned, owing to his health, to seek outdoor employment and turned his attention to seed growing. He at first found this uphill work, but he stuck to it and finally succeeded in building up an extensive business. To-day the Kimberlin Seed Company owns thousands of acres of land in Santa Clara and Kern counties. Seven children and four sisters survive. One son, L. M., who is well known to the seed trade, was in Kansas City at the time of his father's death and at once started for home.

SITUATIONS, WANTS, FOR SALE.

One Cent Per Word.

Cash with Adv.

Plant Ads. NOT admitted under this head.

Every paid subscriber to the AMERICAN FLORIST for the year 1905 is entitled to a five-line WANT ADV. (situations only) free to be used at any time during the year.

Situation Wanted—By sober industrious young man, age 25; good all-around experience; good references; private or commercial. State wages. Box 116, care American Florist.

Situation Wanted—By competent gardener, married; to take charge of private place; greenhouse and landscape work; good fruit and vegetable grower. Good references. Address Box 115, care American Florist.

Situation Wanted—Competent gardener for private place or public institution is open to engagement. Thoroughly experienced in all departments; landscape work a specialty. Box 114, care American Florist.

Situation Wanted—By a florist of lifetime experience in roses, carnations, mums and general greenhouse stock; can superintend the building and equipment of greenhouses in the most modern style. English: 20 years in America. Address Box 117, care American Florist.

Situation Wanted—As assistant gardener in large private or commercial place; age 23 years, Sweden; 6 years' experience in the trade; good grower of roses, carnations, palms, orchids, etc. Best of references. State wages, etc., in first letter. Address Box 107, Lake George, N. Y.

Help Wanted—Young man to learn the florist trade, from 15 to 18 years of age. Apply to JOAN L. WYLAND, De Hartza, Pa.

Help Wanted Propagator and plant man. \$35.00 per month with board and room. C. L. BRUNSON & CO., Paducah, Ky.

Help Wanted Two young men as assistants for greenhouse work. Wages \$10.00 per week. Apply with references. Address J. A. PETERSON, McHenry Ave., Cincinnati, O.

Help Wanted—A good all-around florist, single, experienced in cut flowers, potplants and hothouse. Capable of taking charge of retail business. State wages. Address Box 118, care American Florist.

Help Wanted—Florist and man of all work about grounds, to care for horse and cow. Good home; steady position; wages \$30.00 per week with room and board. Address G. E. LILLEY, Palestine, Texas.

Help Wanted—At once; a good, willing, up-to-date florist, of good habits for our new retail store and show rooms. Must be a strictly artistic flower worker in every way. This will be a good position for the right person. Address CHAS. T. SIEBERT, 165 Liberty Market, E. E. Pittsburgh, Pa.

Wanted—An agency for a reliable nursery company. Address LAURIDS NIELSEN, 547 No. California Ave., Chicago.

For Sale—At a bargain; 2 greenhouses 4,000 feet of glass, with mushroom cellar and sheds and two story dwelling house. All new and in first-class condition. Hot-water and steam heating. 10 miles from Chicago, near railroad; electric and surface lines, in new and fast growing suburban town with fine water and sewer system. Good home trade and two neighboring cemeteries to supply. Benches and mushroom beds in full bearing. Only reason for sale other important business. For further particulars address H. F. PORT, 4th Ave and Harrison St., Maywood, Ill.

A RARE OPPORTUNITY,

One of our customers, after 31 years of work, wishes to sell his florist business, consisting of eight greenhouses (13,000 square ft.) well stocked with pot plants, etc., suitable for retail trade, in a Canadian town of 75,000.

Excellent local trade, store and dwelling house adjoining. Owner is retiring, and if necessary, will lease house and lot. \$6,000 cash required for greenhouses, stock, horse, wagon, etc.

This is an unusual chance for any energetic, capable, florist. The business is now paying from \$5,000 to \$6,000 annually over operating expenses, and is capable of considerable increase.

Those meaning business and having available funds apply to

McHUTCHISON & CO., 218 Fulton St., New York City.

WANTED.

To Rent or Lease 10,000 feet of glass or more. Address

H. C. QUILLEN, 3116 Lucas Ave. ST. LOUIS, MO.

IT IS NOT...

what you pay for the advertisement but what the advertisement pays you. It pays to advertise in the American Florist.

Wietor Brothers, 51 Wabash Avenue, CHICAGO.

WHOLESALE CUT FLOWERS.

—HOLIDAY PRICES. SUBJECT TO CHANGE.—

AMERICAN BEAUTY.

| | Per doz. |
|-------------------|----------|
| 36-inch stem..... | \$ 6.00 |
| 30-inch stem..... | 4.00 |
| 24-inch stem..... | 3.00 |
| 20-inch stem..... | 2.00 |
| 18-inch stem..... | 1.50 |
| 12-inch stem..... | 1.25 |

ROSES.

| | Per 100 |
|----------------------------|--------------------|
| Bride and Maid..... | \$ 6.00 to \$10.00 |
| Meteor and Gale..... | 6.00 to 10.00 |
| Liberty..... | 8.00 to 15.00 |
| CARNATIONS—Good stock..... | 3.00 to 4.00 |
| " Large and fancy..... | 5.00 |

Please mention the American Florist when writing.

Wholesale Flower Markets

MILWAUKEE, Jan. 5.

| | |
|------------------------------|-------------|
| Roses, Beauty, long per doz. | 5.00 |
| " " med. " 200@ | 3.00 |
| " " short " 100@ | 1.00 |
| " Liberty..... | 5.00@12.00 |
| " Chateaufort..... | 4.00@12.00 |
| " Bride, Bridesmaids..... | 3.00@10.00 |
| " Meteor, Golden Gate..... | 3.00@10.00 |
| " Penelope..... | 3.00@ 8.00 |
| Carnations..... | 2.00@ 5.00 |
| Smilax..... | 12.50@15.00 |
| Asparagus..... | 2.00@ 3.00 |
| Valley..... | 3.00@ 4.00 |
| Adiantum..... | 1.00 |
| Violets..... | 1.00@ 1.50 |
| Callas..... | 12.50@15.00 |
| Romans, Paper Whites..... | 2.00@ 3.00 |
| Stevia..... | 1.50 |
| Harrisii..... | 10.00@15.00 |

PITTSBURG Jan. 5.

| | |
|------------------------------|-------------|
| Roses, Beauty, specials..... | 60.00@75.00 |
| " " extras..... | 30.00@50.00 |
| " " No. 1..... | 15.00@25.00 |
| " " ordinary..... | 6.00@10.00 |
| " Bride, Bridesmaid..... | 4.00@18.00 |
| " Meteor..... | 4.00@ 8.00 |
| " Liberties..... | 6.00@20.00 |
| " Kaiserin..... | 4.00@10.00 |
| Perle, Chateaufort..... | 4.10@15.00 |
| Carnations..... | 1.50@ 6.00 |
| Lily of the valley..... | 3.00@ 4.00 |
| Smilax..... | 12.50@15.00 |
| Asparagus, strings..... | 25.00@50.00 |
| Asparagus Sprengerii..... | 1.00@ 3.00 |
| Lilies..... | 20.00@25.00 |
| Adiantum..... | 1.00@ 2.00 |
| Violets..... | .75@ 2.50 |
| Tulips..... | 3.00@ 5.00 |
| Paper White Narcissus..... | 3.00@ 4.00 |
| Roman hyacinths..... | 1.00@ 4.00 |

CINCINNATI, Jan. 5.

| | |
|---------------------------------------------------|----------------|
| Roses, Beauty, 1.00@ 4.00 per doz. | |
| " " Bride, Bridesmaid..... | 4.00@10.00 |
| " " Liberty..... | 8.00@15.00 |
| " " Meteor, Golden Gate..... | 8.00@12.00 |
| Carnations..... | 2.00@ 6.00 |
| Lily of the valley..... | 3.00@ 4.00 |
| Asparagus..... | 50.00 |
| Smilax..... | 10.00@12.50 |
| Adiantum..... | 1.00@ 1.50 |
| Callas..... | 10.00@12.50 |
| Asparagus Plumosus and Sprengerii in bunches..... | .25c per bunch |
| Harrisii..... | 15.00 |

ST. LOUIS, Jan. 5.

| | |
|-------------------------------|-------------|
| Roses, Beauty, long stem..... | 5.00@ 6.00 |
| " Beauty, medium stem..... | 2.00@3.00 |
| " Beauty, short stem..... | .50@1.50 |
| " Bride, Bridesmaid..... | 4.00@10.00 |
| " Golden Gate..... | 4.00@10.00 |
| " Liberty..... | 4.00@10.00 |
| " Kaiserin..... | 4.00@10.00 |
| " Meteor..... | 4.00@10.00 |
| Carnations..... | 2.00@ 5.00 |
| Smilax..... | 15.00 |
| Asparagus Sprengerii..... | 1.50@ 4.00 |
| " Plumosus..... | 25.00@50.00 |
| Ferns, fancy, per 1000..... | \$1.75 |
| Adiantum..... | 1.00@1.25 |
| Violets, California..... | .75@ 1.50 |
| " Double..... | 1.00@ 1.50 |
| Lily of the valley..... | 3.00@ 4.00 |
| Stevia..... | 1.00 |
| Mignonette..... | 3.00@ 4.00 |

CLEVELAND, Jan. 5.

| | |
|-----------------------------|-------------|
| Roses, Beauty, per doz..... | 1.00@ 6.00 |
| " " Bride, Bridesmaid..... | 5.00@12.00 |
| " " Meteor..... | 5.00@12.00 |
| Carnations..... | 3.00@ 6.00 |
| Smilax..... | 10.00@15.00 |
| Asparagus, strings..... | 25.00@50.00 |
| " Sprengerii..... | 1.00@ 2.00 |
| Galax..... | 1.00@ 1.50 |
| Common ferns..... | 1.50 |
| Violets, single..... | .50@ 1.00 |
| " double..... | 1.50 |
| Paper Whites..... | 3.00@ 4.00 |

Headquarters for Seasonable Novelties and Fancy Stock.

PITTSBURG'S LARGEST AND OLDEST WHOLESALESAERS,

PITTSBURG CUT FLOWER CO., Ltd.

504 LIBERTY AVE.,

PITTSBURG, PA.

WANTED: CONSIGNMENTS OF HIGH GRADE CARNATIONS.

Please mention the American Florist when writing.

HOLTON & HUNKEL CO.,

Wholesale Cut Flowers

462 Milwaukee Street,

MILWAUKEE, WIS.

Please mention the American Florist when writing.

THE J. M. McCullough's Sons Co.

WHOLESALE FLORISTS

ALSO SUCCESSORS TO

THE CINCINNATI CUT FLOWER CO.

CONSIGNMENTS SOLICITED.

Special attention given to Shipping Orders.

316 WALNUT ST.

CINCINNATI, O.

Please mention the American Florist when writing.

Pittsburg Florists' Exchange,

WHOLESALE FLORISTS

and Florists' Supplies.

228 Diamond St.,

PITTSBURG, PA.

Send for weekly price list and prices on large orders.

Please mention the American Florist when writing.

H.G. BERNING Wholesale Florist

1402 Pine St.,

ST. LOUIS, MO.

Please mention the American Florist when writing.

C. A. KUEHN, Wholesale Florist,

1122 Pine St.,

ST. LOUIS, MO.

A Complete Line of Wire Designs.

Peter Weiland,

WHOLESALE FLORIST,

Room 18, 128 E. Third St., CINCINNATI, O.

Headquarters for

American Beauties and all leading varieties of Roses and Carnations.

All flowers sold at prevailing market prices, Orders received and filled at Greenhouses if desired, by addressing

PETER WEILAND, New Castle, Ind.

Please mention the American Florist when writing.

AMERICAN BEAUTIES.

Cut Roses—American Beauties and all kinds of Tea Roses at lowest prices. Trial orders solicited.

HELLER BROS., New Castle, Ind.

South Park Florist Company

Please mention the American Florist when writing.

RICE BROTHERS

128 N. 6th St., MINNEAPOLIS, MINN.

Wholesale Cut Flowers and Supplies.

Wild Smilax | Flowers billed at Market Prices.

Shippers of choice Cut Flowers and Greens of all kinds. Try us.

Please mention the American Florist when writing.

J. B. MURDOCH & CO.

WHOLESALE FLORISTS,

FLORISTS' SUPPLIES.

545 Liberty Ave., PITTSBURG, PA.

Please mention the American Florist when writing.

000

Place a fair sized digit at the left in the blank space above and you get an idea of the number of cases of

WILD SMILAX handled by me this season.

You will find us in line to supply the wants of all live florists, in

Roses, Carnations, Violets
and all seasonable flowers.

WRITE OR WIRE

J. B. DEAMUD,

51 Wabash Avenue, CHICAGO.

E. H. Hunt,

WHOLESALE

Cut Flowers

"THE OLD RELIABLE."

76 Wabash Ave., ...CHICAGO.

**A Daily Cut From
40 Growers**

We can and will fill your Cut Flower wants to advantage.

Plenty of **BEAUTIES, MAIDS, BRIDES, etc. CARNATIONS, VIOLETS, etc. ALL GRADES.**

Shipping orders our Specialty. Write, telephone or telegraph.
Long Distance Phone 1129 Main.

Headquarters for **HARDY PERNS** and **WILD SMILAX.**

Most Complete Line of
FLORISTS' SUPPLIES
IN THE WEST.

—CATALOGUE FREE.—

E. F. WINTERSON CO.

Established 1894.

45-47-49 Wabash Avenue, CHICAGO.

Flower Growers' Market.
60 Wabash Ave., CHICAGO.

Order your stock where it will be filled with care and dispatch. The most successful growers of cut flowers, are those who sell their own stock. Give us your **standing order.**

PERCY JONES, Manager.

WEILAND-AND-RISCH

CHICAGO'S RELIABLE
Wholesale Growers and Shippers of
CUT FLOWERS
59 Wabash Ave., CHICAGO.
Send for weekly price list.

WHOLESALE FLORISTS

SINNER BROS.

Wholesale Growers and Shippers of **CUT FLOWERS**
58 WABASH AVENUE, CHICAGO, ILL.

With the Flower Growers' Co. Telephone—Central 3067.
All telephone and telegraph orders given prompt attention

E. C. AMLING

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

32, 34, 36 RANDOLPH ST.,
CHICAGO.

L. D. 'Phones Central 1978 and 1977.

Bassett & Washburn

76 & 78 Wabash Ave., CHICAGO.

Wholesale Dealers and
Growers of **Cut Flowers**

GREENHOUSES: HINSDALE, ILL.

D. WOOD BRANT,

SUCCESSOR TO BRANT & NOE FLORAL CO.

—Grower of—

CUT FLOWERS AT WHOLESALE.

Choice American Beauty Roses.

Prices reasonable.

Careful attention given shipping orders.

58-60 Wabash Ave., CHICAGO.

ALWAYS MENTION THE....

AMERICAN FLORIST

WHEN WRITING ADVERTISERS.

Poehlmann Bros. Co.

Wholesale Growers of

and **Dealers in Cut Flowers**

All telegraph and telephone orders given prompt attention.

Greenhouses: 35-37 Randolph Street,
Morton Grove, Ill. CHICAGO.

GEO. REINBERG,

Wholesale
Grower of **Cut Flowers**

CHOICE AMERICAN BEAUTIES.

We will take care of your orders at reasonable prices. Prompt attention.

51 Wabash Ave., CHICAGO, ILL.

Wholesale Flower Markets

CHICAGO, Jan. 6.

| | |
|------------------------------------------|-------------|
| Roses, Beauty, 30 to 36-in. stems | 6.00@ 7.00 |
| " " 20 to 24 " " | 2.00@ 3.00 |
| " " 15 to 18 " " | 1.50@ 2.00 |
| " " 12 " " | 1.25 |
| " Liberty..... | 8.00@10.00 |
| " " extra select..... | 8.00@15.00 |
| " Chatenay..... | 8.00@12.00 |
| " Bride, Bridesmaid..... | 8.00@10.00 |
| " Meteor, Golden Gate..... | 8.00@10.00 |
| Carnations..... | 1.00@ 3.00 |
| " " fancy..... | 4.00@ 5.00 |
| Valley..... | 3.00@ 4.00 |
| Violets..... | 1.00@ 2.50 |
| Asparagus Plumosus, per string 40 to 50c | |
| " " sprays 2.00@6.00 | |
| " Sprengerl..... | 3.00@ 6.00 |
| Leucothoe Sprays..... | .75 |
| Galax Leaves, Bronze, per 1000, 1.25 | .15 |
| " " Green, " " 1.00 | |
| Adiantum..... | 1.00 |
| Fancy ferns...per 1000 1.00@ 2.00 | |
| Smilax..... | 12.00@15.00 |
| Callas.....1.25@1.50 per doz. | |
| Paper Whites..... | 3.00@ 4.00 |
| Romans..... | 3.00@ 4.00 |

J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and
Carnations
A Specialty.....

WHOLESALE
GROWER OF

CUT FLOWERS

THE BENTHEY-COATSWORTH CO.

35 RANDOLPH ST.

WHOLESALE FLORISTS

CHICAGO.

The Leo Niessen Company

—WHOLESALE FLORISTS—

1217 Arch Street,

Store open from 7 A
M. to 8 P. M.

PHILADELPHIA, PA.

The Cleveland Cut Flower Company,

WHOLESALE CUT FLOWERS, FLORISTS' SUPPLIES, WIRE DESIGNS.

52 and 54 High Street,

CLEVELAND, OHIO.

BOSTON, MASS.

WELCH BROS.

15 Province Street.

All Varieties FLOWERS in Season. FANCY and DAGGER FERNS.
FLORISTS' SUPPLIES all kinds.
Long Distance Telephone, 6268-6267 Main.

For CHRISTMAS, Cut Strings of

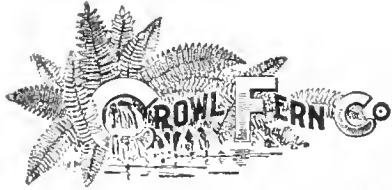
Asparagus Plumosus Nanus.

FIRST-CLASS STOCK RUNNING EVEN AND FULL,
50 CENTS EACH.

W. H. ELLIOTT, Brighton, Mass.

HARDY CUT FERNS.

Fancy or Dagger Ferns, \$1.00 per 1000. Galax, Brilliant Bronze or Green, 75c per 1000; \$6.50 per case of 10,000. Laurel Festooning, hand-made, full sizes, 4c, 5c and 6c per yd. Made fresh daily from the woods. Send us your CHRISTMAS orders now and we will please you. Branch Laurel, 35c per large bundle. Southern Wild Smilax, per 50-lb. case, \$5.50. Laurel Wreaths and Princess Pine Wreaths, made all sizes and prices. Princess Pine by the lb. and made into roping. Tell us your wants and we will name you prices.



Tel. Office, New Salem, Mass. Millington, Mass.

HARDY CUT FERNS

Fancy or Dagger, \$1.25 per 1000. Cash with all orders. Fine Sphagnum Moss, 65c per bbl. Laurel Roping in abundance, \$4.50 per 100 yards. All orders by mail, telephone or dispatch promptly attended to.

THOMAS COLLINS,
HINSDALE, MASS.

GEORGE COTSONAS & CO.,

Wholesale and Retail Dealers in all kinds of

EVERGREENS.

Fancy and Dagger Ferns, Bronze and Green Galax.
Phone 1202 Mad. Sq.

MAIN STORE, 45 W. 29th St., NEW YORK.
BRANCH, 55 W. 28th St., NEW YORK.

The Philadelphia Wholesale Flower Market.

1235-7 Filbert St., PHILADELPHIA.

Open from 7 A. M. to 6 P. M. Telephones.

FOR SOUTHERN WILD SMILAX

(Where quality is First Consideration)
Write, Wire or Phone the Introducers,
Caldwell The Woodsman Co., Evergreen, Ala.

New Crop Southern Wild Smilax
now ready in limited quantities.

Wholesale Flower Markets

Boston, Jan. 5.

| | |
|--------------------------|--------------|
| Roses, Beauty, best..... | 60 00@ 80 00 |
| " " medium..... | 30 00@45.00 |
| " " onills..... | 6 10 @ 8.00 |
| " Bride, Bridesmaid..... | 4 00@ 6 00 |
| " extra..... | 8 00@12.00 |
| " Liberty..... | 1.03@ 8.00 |
| Carnations..... | 2 00@ 3.00 |
| " Fancy..... | 3 00@ 5.00 |
| Lily of the valley..... | 3 00@ 4.00 |
| Smilax..... | 8.00@12.00 |
| Adiantum..... | 1.00 |
| Asparagus..... | 35.00@50.00 |
| Violets..... | 1.00@ 1.50 |

PHILADELPHIA, Jan. 5.

| | |
|-------------------------------|-------------|
| Roses, Tea..... | 8 00@10.00 |
| " extra..... | 12 00@15.00 |
| " Liberty..... | 8.00@35 00 |
| " Queen of Edgely, extra..... | 60 00@75.00 |
| " " frsts..... | 20 00@40.00 |
| " Beauty, extra..... | 60 00@75.00 |
| " frsts..... | 20 00@40.00 |
| Carnations..... | 3 00@ 8.00 |
| Lily of the valley..... | 3.00@ 6.00 |
| Asparagus..... | 25.00@50.00 |
| Smilax..... | 12.00@15.00 |
| Violets, single..... | .75@ 1.00 |
| " double..... | 1 10@ 1 50 |
| Adiantum..... | 1.00@ 1.50 |
| Gardenias..... | .75 |
| Mignonette..... | 4.00@ 6.00 |

BUFFALO, Jan. 5.

| | |
|----------------------------------|--------------|
| Roses, Beauty..... | 25 00@100.00 |
| " Bride, Bridesmaid, Meteor..... | 6 00@18.00 |
| Carnations..... | 3.00@ 8.00 |
| Harristil..... | 15.00@20 00 |
| Lily of the valley..... | 3.00@ 5.00 |
| Asparagus, strings..... | 40.00@50.00 |
| Smilax..... | 15.00 |
| Adiantum..... | .75@ 1 50 |
| Lilium Longiflorum..... | 15.00 |
| Violets..... | 1 50@ 2 50 |

HARDY CUT DAGGER AND FANCY FERNS.



We carry the finest and most complete line of Decorative Evergreens and Florists' Supplies. Our specialties are DAGGER, \$1.00 and FANCY FERNS, \$1.50 per 1000. Discount on larger orders. BRILLIANT BRONZE and GREEN GALAX, \$1.00 per 1000. Laurel Festooning, good and full, handmade 5c and 6c per yd. Green and Sphagnum Moss, \$1.00 per bbl. Sphagnum Moss, 50c per bag; 5 bags, \$2.00. Ivy Leaves, \$4.00 per 1000. Sprengerii, 25c and 50c per bunch. Asparagus Plumosus, 60c per bunch or string. Leucothoe Sprays, \$1.00 per 100; \$7.50 per 1000.

We also carry a full line of Florists' Supplies such as Tin Foil, Cut Wire, Corrugated Boxes, all sizes, Folding Boxes, Ribbons, all sizes and colors, Koral Letters, Wire Designs, Cycas Leaves, Etc., Etc. Our stock is of the best quality and at the most reasonable rates. Please write for our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.

HENRY M. ROBINSON & CO., L. D. Phone 2618 Main. 8 and 11 Province St., Boston, Mass.

BERGER BROS. WHOLESALE FLORISTS.

Bell and Keystone Phones. 1220 Filbert Street, PHILADELPHIA.

Please mention the American Florist when writing

N. Lecakes & Co.

53 W. 28th St., New York.



Tel. No. 1214
Madison Square



Stands at Cut Flower Exchange Coogan Bldg., W. 26th Street & 34th Street Cut Flower Market. Specialties: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine and all kinds of Evergreens.

Green and Bronze Galax Leaves, 75c per 1000.

Original Pioneer House—Established 1871.

JAMES HART

117 W. 30th St., NEW YORK.

Wholesale and Commission

Consignments solicited. Shipping orders promptly attended to. Phone 626 Madison.

N. Y. CUT FLOWER EXCHANGE

Coogan Bldg., 6th Ave. & W. 26th St., New York.

Open for Cut Flower Sales at 6 o'clock Every Morning.

DESIRABLE WALL SPACE TO RENT FOR ADVERTISING.

JOHN DONALDSON, Secretary.

THE KERVAN COMPANY,

WHOLESALE DEALERS,

All Decorating Evergreens, Galax, Leucothoe, Mosses, Etc.

20 W. 27th Street, NEW YORK.

TELEPHONE 1519 MADISON Sq.



THE RELIABLE Commission House,
Jos. S. Fenrich
 48 W. 30th St., NEW YORK.
 Telephone 325 Madison Sq.

Open
every day
at
6 a. M.

J. K. ALLEN, Tel. 167
 Madison
 Square.
 Wholesale Commission Florist,
 106 West 28th Street, NEW YORK.
 American Beauties, Orchids, Roses,
 Carnations, Violets, CUT FLOWERS.

Telephone No. 756 Madison Square,



MOORE, HENTZ & NASH
 Wholesale Commission Florists.
 55 and 67 West 28th St. NEW YORK CITY.

Advice of sale note daily. Statement and check
 weekly. All consignments, large or small, receive the
 same attention. CORRESPONDENCE INVITED.

YOUNG & NUGENT
 42 West 28th Street,
 Telephone 2086 Madison Sq. Wholesale Florists.

CATTLEYS, GARDENIAS, ROSES, CARNATIONS and all seasonable novel-
 ties. With our long experience in shipping, and competent assistants in
 our packing department, we are in a position to guarantee out-of-town
 customers who place their orders with us that they will not be disappointed.

WHOLESALE WILLIAM GHORMLEY, COMMISSION

Daily Receiver and Shipper of Fresh Cut Flowers.

Orchids, Roses, Carnations, Valley, Lilies, etc.

Telephones 2200 and 2201 Madison Square.

57 West 28th Street, NEW YORK CITY.

JOHN YOUNG,

Special American Beauties,
 Surpassing Carnations,
 Lily of the Valley, Orchids
 and all Seasonable Flowers.

51 West 28th St., NEW YORK.
 Telephone 1906 Madison Square.

THE RECOGNIZED HEADQUARTERS IN
 NEW YORK CITY FOR

Violets and Carnations

GROWERS and BUYERS make a note of this.
 It will be to your advantage.

WM. H. GUNTHER,
 80 West 29th Street, NEW YORK.
 Telephone 551 Madison Square.

THOMAS YOUNG, Jr.
 WHOLESALE FLORIST.

CHOICEST CUT FLOWERS.
 43 W. 28th St., NEW YORK CITY.

—FLOWERS SHIPPED BY—

John I. Raynor,

Are the best product of the best growers
 for the New York Market.

ADIANTUM CROWNEANUM sold here exclusively.
 49 W. 28th St., NEW YORK.
 Tel. 1998 Madison Square.

Walter F. Sheridan,

WHOLESALE FLORIST,

Telephone 902 Madison Square.

39 West 28th St., NEW YORK.

Choice Carnations.

Selected Roses.

Traendly & Schenck
 NEW YORK CITY,

44 W. 28th Street, Cut Flower Exchange.
 New Telephone No. 798 & 799 Madison Sq.

Wholesale Flower Markets

New York, Jan. 5.

| | |
|-----------------------------------|-------------|
| Roses, Beauty, best..... | 15.00@50.00 |
| " " medium..... | 3.00@10.00 |
| " " culls..... | 1.00@2.00 |
| " Liberty, best..... | 10.00@25.00 |
| " " medium..... | 3.00@10.00 |
| " " culls..... | 2.00@3.00 |
| " Bride, Bridesmaid, G. Gate..... | 3.00@15.00 |
| " Kaiserin, Carnot..... | 1.50@10.00 |
| Carnations..... | 2.00@3.00 |
| " fancy and novelties..... | 3.00@10.00 |
| Lily of the valley..... | 1.00@4.00 |
| Lilies..... | 8.00@15.00 |
| Smilax..... | 5.00@10.00 |
| Adiantum..... | 10@.50 |
| Asparagus..... | 25.00@50.00 |
| Gardenias..... | 2.00@10.00 |
| Violets..... | .40@1.25 |

The market is slow to-day, carnations very
 plentiful, violets sluggish.

Charles Millang

WHOLESALE FLORIST.

Conservatory connected from which I can ship
 ferns and decorative plants promptly.

50 W. 29th St. NEW YORK.
 Tel. 3860 and 3861 Madison Square.

Receivers and Shippers of Cut Flowers.
 Consignments Solicited.

A. L. YOUNG & CO., Wholesale
 Florists,
 54 West 28th Street,
 Telephone 3559 Madison Sq. NEW YORK.

FORD BROS.

Receivers and Shippers of

Fresh Flowers

111 West 30th St., NEW YORK.
 Telephones 3870-3871 Madison Sq.

REPRESENTING EMINENT GROWERS.

Julius Lang

53 West 30th Street, NEW YORK.

COMMISSION DEALER in FLOWERS
 TELEPHONE 280 MADISON SQUARE.

ALEX. J. GUTTMAN,

Wholesale Commission Florist,

All varieties of Cut Flowers in season
 at right prices, and of the
 BEST QUALITY.

52 W. 29th Street, NEW YORK CITY.
 Telephone 1664 and 1665 Madison Square.

THE

NEW YORK CUT FLOWER CO.

55 and 57 West 26th St.,
 WHOLESALE FLORISTS.

Daily Reports.

Weekly Payments

TELEPHONE
 756 Madison Sq.

J. A. MILLANG,
 MANAGER.

CARNATIONS My
 Specialty.
 CONSIGNMENTS SOLICITED.

Prompt Payments.

Established 1891.

Alfred H. Langjahr, 55 W. 28th St.
 New York.
 Telephone 3924 Madison Sq.

EDW. C. HORAN,

55 WEST 28TH STREET,

Telephone 421
 Madison Square.

.....NEW YORK.

CUT FLOWERS AT WHOLESALE.

CUT FLOWERS OR DESIGNS will be Delivered for the Trade on Wire or Mail Orders in Best Qualities and Prices:

NEW YORK.

Steamer Gifts

Orders for flowers in any form carefully filled and delivered by special messenger on board any steamer on day of departure from New York.

THOS. YOUNG, JR.
43 W. 28th St., NEW YORK CITY.

Please mention the American Florist when writing.

SAN FRANCISCO.

TELEPHONE MAIN 1023.

SIEVERS & BOLAND,
Floral Artists,

33 Post Street, SAN FRANCISCO, CAL.

INDIANAPOLIS.

Bertermann Bros. Co.,
FLORISTS,

241 Massachusetts Ave., INDIANAPOLIS, IND.
Please mention the American Florist when writing.

ST. LOUIS.

Fred. C. Weber,
FLORIST,

4320-4328 Olive St., ST. LOUIS, MO.
Established 1873, L. Dist. 'Phone Lindell 196 M.

DENVER.

The Park
Floral Co.

J. A. VALENTINE, Pres. DENVER, COLO.

MILWAUKEE.

C. C. Pollworth Co.
MILWAUKEE, WIS.

Will take proper care of your orders in

WISCONSIN.

CHICAGO.

Established 1857.

The Geo. Wittbold Co.

1657 Buckingham Place, CHICAGO.

Growers and importers. The oldest and leading house in Central and Western United States. Decorative plants a specialty. Mail and Wire Orders Get Prompt attention.

Palmer's

BUFFALO,
N. Y.

DETROIT.

JOHN BREITMEYER'S
SONS

Cor. MIAMI and GRATIOT AVES.

DETROIT, MICH.

Artistic Designs.***

High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Please mention the American Florist when writing.

CHICAGO.

P. J. HAUSWIRTH
Auditorium Annex,
CHICAGO.

Mail, telegraph or telephone orders filled promptly in best style.

OMAHA.

HESS & SWOBODA,
FLORISTS,

1415 Farnam Street, OMAHA, NEB.
'Phone 1601 and L. 1682.

SPRINGFIELD.

Mark Aitken
FLORIST.

388 Main St., Springfield, Mass.

WASHINGTON.

Joseph R. Freeman,
FLORIST,

612 13th St. N.W., WASHINGTON, D. C.

ST. PAUL.

HOLM & OLSON,
ST. PAUL.

THE LEADING FLORISTS OF THE N. W.
Orders will be well cared for anywhere in Minnesota and the Dakotas.

MILLS THE FLORIST,

36 W. Forsyth Street,

JACKSONVILLE, FLA.

A. Gude & Bro.

FLORISTS

1214 F St., WASHINGTON, D. C.

Indianapolis Floral Co.

839 Ft. Wayne Avenue,

INDIANAPOLIS, IND.

WHOLESALE

Commission Florists.

ALL ORDERS PROMPTLY FILLED IN BEST POSSIBLE MANNER.

Consignments Solicited. We are in position to give prompt and liberal returns on all consignments.

WANTED, Bulbs.

We want to buy in lots of 1,000 to 10,000 each the following: TULIPS, select mixtures, CROCUS, HYACINTHS, separate colors mixed, NARCISSUS, all kinds, LILIES.

CHAS. CHADWICK,

COR. FULTON & LAGRAVE,

Grand Rapids, Mich.

WHOLESALE and RETAIL FLORIST.

High-Grade Cut Blooms.

Carnations, Roses, 'Mums, Violets, Etc.

Choice American Beauties a Specialty.

Artistic Designs on Short Notice.

Good Shipping Facilities to all Michigan Points.

—A TRIAL ORDER SOLICITED.—

JOHN WOLF,

Wholesale and Retail Florist,

SAVANNAH, GA.

Paper White Narcissus and Roman Hyacinths.

\$2.00 per hundred, in any quantity..

Long Distance Telephone Connections.

LEIKENS

7 E. 33d St. Near New York City.
Waldorf-Astoria
Telephone No. 1417 Madison.

Christmas and New Year Orders

By Telegraph Faithfully Filled.

Orders for Baskets, Boxes, Designs, Steamers, Receptions, and from out-of-town Florists will receive personal and careful attention. We guarantee perfect satisfaction.

—GREEN AND BRONZE—

Galax Leaves.

Fresh gathered, \$3.00 per case of 5,000.
Cash with order.

HALL & JONES COMPANY,
BLOWING ROCK, NORTH CAROLINA.

MIGNONETTE, Extra Fancy, \$10.00 per 100.

“

Fancy, \$6.00 to \$8.00 per 100.

WHITE LILAC, \$2.00 per doz.

FANCY STEVIA, \$2.00 per 100.

A. L. RANDALL CO.

19 Randolph Street,

**FANCY ROSES, CARNATIONS,
VALLEY, ROMANS, TULIPS,**

Paper White Narcissus, (Extra choice).

A full line of all kinds of

CUT FLOWERS.

CHICAGO, ILL.

R. C. HAYDEN, Sec'y and Treas.

WM. J. MUTH, Manager.

PHILADELPHIA CUT FLOWER CO.

Wholesale Commission Florists

**CHOICE BEAUTIES, MAIDS AND BRIDE ROSES,
FANCY CARNATIONS**

AND ALL OTHER SEASONABLE FLOWERS.

1516-1518 Sansom Street,

Bell and Keystone Phones.
Open 7:30 a. m. to 8 p. m.

PHILADELPHIA, PA.

Please mention the American Florist when writing.

PETER REINBERG

51 Wabash Ave., CHICAGO.

Wholesale Cut Flowers

**LARGEST GROWER
IN THE WORLD.**

Price List.

| AMERICAN BEAUTIES— | | Per doz. |
|-----------------------|--|-----------------|
| Extra Select..... | | \$ 6.00 |
| 30-inch stems..... | | 4.00 |
| 24-inch stems..... | | 3.00 |
| 18-inch stems..... | | 2.00 |
| 15-inch stems..... | | 1.50 |
| 12-inch stems..... | | 1.25 |
| Short stems..... | | \$.75 to \$1.00 |
| | | Per 100 |
| LIBERTY..... | | \$8.00 to 15.00 |
| CHATENAY..... | | 8.00 to 12.00 |
| MAIDS AND BRIDES..... | | 6.00 to 10.00 |
| PERLE..... | | 6.00 to 8.00 |
| UNCLE JOHN..... | | 6.00 to 12.00 |
| SUNRISE..... | | 6.00 to 10.00 |
| CARNATIONS..... | | 3.00 to 4.00 |

All flowers are perfectly fresh and properly packed.
No charge for P. & D. on orders over \$5.00.



FANCY CUT FLOWERS A SPECIALTY.

If you want Choice Cut Flowers at any time or all the time, send to

CHARLES W. McKELLAR,

51 Wabash Avenue, CHICAGO.

Western Headquarters for Choice

**ORCHIDS, FANCY VALLEY, VIOLETS, BEAUTIES, TEA ROSES,
and CARNATIONS. Wild Smilax, Asparagus, Adiantum,
Smilax, Fancy Ferns always in abundance. Also a complete line of all Florists'
Supplies, Novelties and Wire Work.**

LONG DISTANCE 'PHONE, CENTRAL 3598, AUTO. 3623.

Please mention the American Florist when writing.

Beauties,

ROSES, CARNATIONS, LILIES

—AND—

Cut Flowers of All Kinds.

Michigan Violets a Specialty

**Grand Rapids
Florists' Ass'n.**

60 Wabash Ave., CHICAGO.

Vaughan & Sperry,

Wholesale Florists,

58 and 60 Wabash Ave., CHICAGO.

WRITE FOR SPECIAL PRICES.

Michigan Cut Flower Exchange,

WM. DILGER, Mgr.

Fancy and Dagger Ferns.
All Cut Flowers in Season.

38-40 Miami Ave., DETROIT, MICH.

OUR DIRECTORY FOR 1904 WILL BE MAILED TO YOU
PROMPTLY UPON APPLICATION. PRICE TWO DOLLARS

KENNICOTT BROS. COMPANY

40-42-44 Randolph St., CHICAGO.

Our reputation has always been that we fill orders when others fail. All stock in season at Lowest Market Rates.

HIGH-GRADE SOUTHERN WILD SMILAX.

And Florists' Hardy Decorative Supplies.
Prices Right.

SPECIAL FACILITIES FOR HANDLING LARGE ORDERS.
WRITE, WIRE OR PHONE.

E. A. BEAVEN,

Evergreen, Ala.

The Seed Trade.

AMERICAN SEED TRADE ASSOCIATION.

Chas. N. Page, Des Moines, Ia., Pres.; L. L. May, St. Paul, Minn., First Vice-Pres.; C. E. Kendel, Cleveland, O., Sec'y and Treas.
Twenty-third annual convention, June, 1905

ONION seed prices in the retail catalogues for 1905 are showing pretty low.

TEXAS growers report onion crop in fine shape and most of the stock transplanted.

GILROY, CAL.—Mrs. Waldo Rohmert died recently under an operation for appendicitis.

REDUCED acreages for this season are reported from the California onion growing districts.

DECATUR, ILL.—The Ullathorne Seed Company, of Memphis, Tenn., has opened a seed corn warehouse here.

J. M. KIMBERLIN, the well known seed grower of Santa Clara, Cal., died December 26. For obituary notice see page 987.

MILWAUKEE, WIS.—Hunkel's Seed Store will soon open at 327 Chestnut street under the management of Gunther H. Hunkel.

W. ATLEE BURPEE, having his catalogue work off his hands, is about to start on a trip to Old Mexico, by way of New Orleans.

VISITED CHICAGO:—W. J. Fosgate and daughter, returning to California; Chas. P. Braslan, of San Jose, Cal.; J. B. Agnew, of Agnew, Cal.

NEW YORK.—Harry Bunyard, the well known traveling salesman, has taken a position with Arthur T. Boddington and will meet his friends on the road as usual.

SIoux CITY, IA.—J. S. Michaels, of the Sioux City Seed and Nursery Company, visited Chicago last week. Mr. Cummings, his partner, is in California looking over the conditions.

AMONG the seed catalogues received this week were those of Huntington & Page, Peter Henderson & Co., W. Atlee Burpee & Co., Wm. Elliott & Sons and the Iowa Seed Co.

J. M. THORBURN & COMPANY, of New York, have been officially notified that they have been awarded the grand prize for the display of vegetables grown from their seed and exhibited at the Louisiana Purchase Exposition, also a grand prize for their collection of seeds.

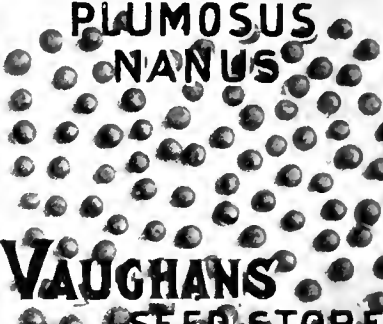
PHILADELPHIA, PA.—A meeting of the creditors of D. Landreth & Sons will be held at the office of the referee, 528 Walnut street, January 11, 1905, to consider private sale of bankrupts' shares in certain real estate, to consider dividend, and to transact such other business as may properly come before the meeting.

PRESIDENT CHAS. N. PAGE, of the American Seed Trade Association, has issued a call for the winter executive committee meeting of the association, to convene in Cincinnati at the Grand Hotel, Tuesday, January 10, at 10:00 a. m. President Page and A. H. Goodwin, the Chicago member of the committee, will leave Chicago for the meeting Monday night, January 9. Lester L. Morse, of the committee, will not be present.

American Varieties of Lettuce.

The above is the title of a bulletin just issued by the Bureau of Plant Industry of the Department of Agriculture. It is a very valuable contribution to the literature of this vegetable, by W. W. Tracy, Jr., and will be found especially serviceable to seedsmen. There are nearly 100 pages of text and twenty-seven plates of half tones showing typical mature plants, typical young plants and typical outer leaves. A list is given of nearly all the varieties catalogued by American seedsmen and 114 varieties—said to be all the really distinct varieties sold by American seedsmen—are fully described, with notes on history and synonyms.

ASPARAGUS PLUMOSUS NANUS



VAUGHAN'S SEED STORE
CHICAGO NEW YORK

Please mention the American Florist when writing.

THE HARDY ANNUAL OF THE CENTURY *Nicotiana Sanderae*

Silver Medal Massachusetts Horticultural Society 1904; Gold Medal and First Class Certificates awarded at principal European Exhibitions.

Thousands of glowing carnation blossoms produced on a single bush. Seeds in original packets from seedsmen throughout the United States.

SANDER & SONS, St. Albans, England.

WHOLESALE AGENTS FOR THE UNITED STATES:

HENRY A. DREER, Chestnut St., Philadelphia, Pa.
J. M. THORBURN, Cortlandt St., New York.
VAUGHAN'S SEED STORE, Chicago and New York.

Please mention the American Florist when writing.

WESTERN SEED COMPANY,

Largest Wholesale and Retail Growers of Field Seed Corn in the U. S. We do a general retail mail order business in all kinds of Field, Garden and Flower Seeds. We are always in the market to buy or to sell all kinds of seeds in large or small quantities. If interested, ask for our FREE ANNUAL SEED CATALOG.

WESTERN SEED CO., Shenandoah, Iowa.

Please mention the American Florist when writing.

DREER'S SUMMER FLOWERING BULBS.

The Begonias and Gloxinias offered by us are the best which skill and careful selection can produce, they are grown for us by one of the most expert European specialists.

Tuberous Rooted Begonias.

Single Flowered, Scarlet, Crimson, White, Yellow, Rose and Orange, 40c per dozen; \$3.00 per 100; \$25.00 per 1000.

Choice Single Flowered in Mixture, 35 cents per dozen. \$2.50 per 100; \$22.00 per 1000.

Double Flowering, Scarlet, Rose, White and Yellow, 65 cents per dozen; \$5.00 per 100; \$40.00 per 1000.

Choicest Double Flowering in Mixture, 50 cents per dozen; \$4.00 per 100; \$35.00 per 1000.

New Hybrid Frilled Tuberous Begonias.

A most unique form with flowers of immense size, with wavy or frilled petals similar to the best forms of single petunias, 25c each. \$2.50 per doz.; \$20.00 per 100.

Gloxinia Crassifolia Grandiflora.

A very fine selected strain, strong, well-matured bulbs, Red, White, Blue, Red with white border, Blue with white border, in separate colors or in choicest mixture, 50c per dozen; \$4.00 per 100; \$35.00 per 1000.

Fancy Leaved Caladiums.

A choice selection of 25 distinct named varieties, fine large bulbs, \$1.25 per dozen; \$10.00 per 100. Choice mixed varieties, \$1.00 per dozen; \$8.00 per 100.

Our Quarterly Wholesale List has just been issued and offers a full line of seasonable Plants, Seeds and Bulbs.

HENRY A. DREER, Philadelphia, Pa.





NEW
CROP

FLOWER SEEDS

FOR PRESENT SOWING.

10 PER CENT SPECIAL CASH DISCOUNT. On orders over \$2.00 for Flower Seeds if the cash is enclosed. This discount does not apply to Asparagus Seed. Cash discount on this is 2 per cent.

We are HEADQUARTERS for Greenhouse Grown Seed of ASPARAGUS PLUMOSUS NANUS.

Asparagus
Plumosus
Nanus.

| | Trade Pkt. | Oz. |
|--------------------------------------------------------------------------------------------------------|------------|---------|
| Ageratum, Imperial Dwarf, blue..... | \$.10 | \$.25 |
| Imperial Dwarf, white..... | .10 | .25 |
| Blue Perfection, dwarf new..... | .10 | .30 |
| Princess Pauline, fine for pots and borders..... | .10 | .30 |
| Princess Victoria Louise, new, beautiful blue and white flowers, plants compact and free-blooming..... | .10 | .60 |
| Alyssum Sweet..... | lb. \$1.25 | .05 .15 |
| Alyssum Little Gem, extra fine strain..... | lb. \$3.50 | .10 .35 |
| Ampelopsis Veitchii..... | lb. \$1.00 | .10 .15 |

ASPARAGUS PLUMOSUS NANUS.

New Crop, Greenhouse Grown Seed, per 100 seeds, 75c; 250 seeds, \$1.50; 1,000 seeds, \$5.00.

Plumosus Robustus, new, per 100 seeds, \$1.00; 1,000 seeds, \$10.00.

Sprengeri, 100 seeds, 15c; 1,000 seeds, 75c; 5,000 seeds, \$3.25.

Write for prices on larger lots on above three.

Decumbens 106 seeds, 50c; 1,000 seeds, \$4.00.

Scandens Delicatus, suitable for hanging baskets and to cut, 100 seeds, \$1.25.

Complanatus, per 100 seeds, \$1.25; 1,000 seeds, \$10.00.

ASTERS.

| | Trade Pkt. | 1/4 Oz. | Oz. |
|--------------------------|------------|---------|---------------|
| Queen of the Market..... | lb. \$5.00 | \$.10 | \$.20 \$.50 |
| White..... | lb. 5.00 | .10 | .20 .50 |
| Pink..... | lb. 6.00 | .10 | .20 .50 |
| Scarlet..... | lb. 5.00 | .10 | .20 .50 |
| Light blue..... | lb. 5.50 | .10 | .20 .50 |
| Dark blue..... | lb. 5.50 | .10 | .20 .50 |
| Mixed..... | lb. 4.25 | .10 | .15 .40 |

Branching or Simple,

| | Trade Pkt. | 1/4 Oz. | Oz. |
|--------------------|------------|---------|---------------|
| White..... | lb. \$5.00 | \$.10 | \$.20 \$.50 |
| Rose pink..... | lb. 5.00 | .10 | .20 .50 |
| Lavender..... | lb. 6.00 | .10 | .20 .50 |
| Red..... | lb. 5.00 | .10 | .20 .50 |
| Purple..... | lb. 5.50 | .10 | .20 .50 |
| Light blue..... | lb. 5.50 | .10 | .20 .50 |
| Daybreak pink..... | lb. 5.00 | .10 | .20 .50 |
| Mixed..... | lb. 4.25 | .10 | .15 .40 |

Vaughan's Upright White Branching.....

Vaughan's Upright Pink Branching.....

Early Flowering Hohenzollern Aster. Like the Giant Comet as to habit and shape of flowers, and about twice as large as those of the Queen of the Market, while just as early as that variety. One of our German seed grower friends writes us: "This is the most perfect of all White Asters up-to-date." White or Rose, each, trade pkt., 25c; 1/4-oz., 40c; oz., \$1.50.

New Ever-Blooming Aster, "IDEAL." This new Aster produces, perhaps, more salable cut flowers to a plant than any other kind. The plants grow from 16 to 18-inches high and are in bloom from the beginning of August to the end of September almost uninterruptedly. In shape the flowers resemble the Victoria type, except that the petals are looser so as to give the flowers a very graceful appearance. White, light blue, dark blue, crimson, each, trade pkt., 15c; 1/4-oz., 30c; oz., \$1.00.

New Aster, Cactus-Flowered, White. Has twisted petals, like a Cactus Dahlia, pure white, long stem, extra, 1/8-oz., 50c.

Balsam, Alba Perfecta. This is the largest and best double white Balsam, unequaled in doubleness and large size of its camellia-shaped flowers.....

Begonia, Single, Tuberous-rooted, Giant Flowered, mixed.....

Begonia, Double Tuberous rooted, Giant Flowered.....

Begonia Vernon.....

Bells or Double Daisy, Vaughan's Mammoth Mixture.....

Bells or Double Daisy, Trade Pkt. Oz.

| | | |
|------------------------------------|---------------|-----|
| Vaughan's Mammoth White..... | 1-16 oz., 40c | .25 |
| Vaughan's Mammoth Pink..... | 1-16 oz., 40c | .25 |
| Longfellow dark pink..... | 1/4 oz., 35c | .20 |
| Snowball, dbl. white, 1/4 oz., 35c | .20 | |

Candytuft, Giant Hyacinth-Flowered. This improved strain is superior to Empress.....

Canna, Crozy sorts, extra choice mixed.....

Celosia, President Thiers. This is a splendid variety which is so much and effectively used in our parks.....

Celosia Thompsoni Magnifica. This novelty represents the most perfect strain of the feathered or ostrich plumed Cockcomb. The plants have a true pyramidal branching growth, and the flower spikes vary in the most magnificent colors, ranging from the clearest yellow to the darkest blood red. Of great value for all decorative purposes in and out of doors. Pkt., 10c; 1/4-oz., 25c.

Trade Pkt. Oz.

Centaurea Candidissima (Dusty Miller) 1,000 seeds.....

Centaurea Gymnocarpa.....

Clematis Patulata, white, sweet scented.....

Cineraria Maritima "Diamond".....

Cineraria Maritima Candidissima.....

Coleus, Mammoth Rainbow Mixture, a very fine mixture.....

Coleus, Large Leaved Sorts, extra choice mixed.....

VAUGHAN'S GIANT-FLOWERED CYCLAMEN.

Pure White (Mont Blanc) 100 seeds, 65c

Dark Crimson 1000 " \$5.00

Rosa von Marienthal, "Daybreak" 250 seeds of any one kind at the 1000 rate.

White with Carmine Eye

Rubin, new, the darkest good red, 100 seeds, \$1.50.

White Fringed, very fine flower, 100 seeds, \$1.00.

Extra Choice Mixed, per 100 seeds, 50c; 250 seeds, \$1.15; 1,000 seeds, \$1.50; 5,000 seeds, \$8.00.

New Giant Orchid-Flowered Cyclamen, Pure White, Red, Pink, White, with carmine eye, and Lilac Colored, each per 100 seeds, \$1.00; 1,000 seeds, \$9.00.

Giant Orchid-Flowered Cyclamen in choicest mixture, 25 seeds, 25c; 100 seeds, 85c; 1,000 seeds, \$8.00.

DAHLIA, Burbank's Selection. The seed we offer is of L. Burbank's own saving, and he writes: "This seed will produce a greater proportion of large, clear, bright colored, perfect double flowers than any ever before offered; 90 per cent of good flowers can be expected." The colors are salmon, light and dark crimson, deepest purple to maroon and almost black, light straw, deepest yellow and a few white, mostly of the Cactus type. Blooms the first year from seed. Pkt. (100 seeds) 50c. Trade Pkt. Oz.

Orcaena Indivisa.....

Burbank's New Shasta Daisies.....

Vaughan's Early and Late Flowering Forget-me-not.....

Geranium, Apple-scented, 200 seeds, 25c; 1,000 seeds, \$1.00.

Gloxinia Hybrid, Vaughan's Columbian Mixture, Pkt. (1,000 seeds) 50c; 3 pkts. for \$1.25.

Crevillea Robusta (Silk Oak).....

Heliotrope, mixed.....

Lemone's Giant, extra choice mixd.....

Trade Pkt. Oz.

IPOMEA Noctiflora, Moonflower.....

White seeded.....

Black seeded.....

New Hybrid, blooms early.....

New Giant Pink.....

Lemon Verbena.....

Linaria (Kenilworth Ivy).....

Lobelia, Crystal Palace Compacta.....

Speriosa, dark flowers and foliage, for hanging baskets.....

Emperor William, dwarf.....

Bedding Queen.....

Matricaria (Apensis fl. pl. Double White Feverfew).....

Maurandya, Mixed.....

Mimulus (Musk Plant).....

Musa Ensate, 100 seeds, \$1.00.

Nicotiana Sanderae, with large bright carmine flowers.....

Pandanus Urtis, 100 seeds, \$1.00.

PANSIES.

Vaughan's Up-to-Date "International"

Received the only reward for Mixed Pansies at the World's Fair. It is to-day better and more complete than ever. It contains the cream of the stock of 10 Pansy Specialists. There is no better mixture in existence, as all the florists who saw or used it can tell you. Price per oz., \$10.00; 1/4 oz., \$5.00; 1/2 oz., \$1.50, trade pkt., 50c.

Vaughan's "Giant Mixture."

This mixture is specially made by us from all the separate colors of Giant Triumfetta, the Giant Bugnot and Cassier and several special strains which cannot be had any other way. If your trade demands large flowers there is no better mixture. Price 1/4 lb., \$14.00; oz., \$4.00; 1/2 oz., 60c; trade pkt., 25c.

Vaughan's Premium Mixed, per pkt., 25c; 1/2 oz., 50c; 1/4 oz., \$3.00; oz., \$5.50.

Chicago Parks Bedding, "Choice Mixed" pkt., 10c; 1/4 oz., 30c; oz., \$1.00; 4 oz., \$3.00.

Petunia, "Vaughan's Best" Mixture of Large Flowering Petunias, trade pkt., (1,000 seeds) 50c; 3 pkts. for \$1.25.

Petunia, Howard's Star. Distinct from Inimitable or Blotched and Striped. The color is a rich velvety crimson-maroon; a splendid sort for borders, hanging baskets, vases, etc. Pkt. (500 seeds) 25c.

Petunia, Vaughan's Double Petunias, mixed, trade pkt. (500 seeds) \$1.00.

Petunia, Double pure white, 250 seeds, 50c.

Petunia, Extra Large Flowering, double fringed. This extra choice strain produces about 30 per cent of splendid double fringed flowers. Trade pkt. (500 seeds) 60c; 1,000 seeds, \$1.00.

Pyrolhrum, Golden Feather.....

Salvia Splendens, Clara Bedmau (Bonfire).....

"Drooping Spikes".....

Silverspot.....

Fireball, new, best of all.....

Smilax, new crop, 1/4 lb., 70c; lb., \$2.50.

STOCKS, Large-Flowering German 10 Weeks.

Pure White, Brilliant Rose, Bright Crimson, Blood Red, Purple, Light Blue, Canary Yellow, 1/2 price each above per 1/4 oz., 40c; oz., \$2.25; pkt., 25c.

Large Flowering, extra choice mixd.....

Thunbergia, Mixed.....

"Vaughan's Best" Mixture of Verbenas.....

Verbena Candidissima, white, 1/4 oz., 20c.....

Defiance, brightest scarlet, 1/4 oz., 25c.....

Mammoth, mixed, 1/4 oz., 25c.....

Mammoth, white, 1/4 oz., 25c.....

Pirety, new brilliant scarlet.....

Pink and Carmine shade.....

Vaughan's Seed Store,

NEW YORK, 14 Barclay Street.

84-86 Randolph Street, CHICAGO.

Greenhouses, Nursery and Trial Grounds, Western Springs, Ill.

The Nursery Trade

AMERICAN ASSOCIATION OF NURSERYMEN.

E. W. Kirkpatrick, McKinney, Tex., Pres.;
C. L. Watrous, Des Moines, Ia., Vice-Pres.;
George C. Seager, Rochester, N. Y., Sec'y.
Thirtieth annual convention, West Baden
Springs, Ind., June, 1905.

HITT, Mo.—M. S. Good has arranged to start a nursery here.

THE Arkansas State Horticultural Society holds its twenty-fifth annual meeting at Rogers, January 24 to 26, 1905.

THE second annual meeting of the Alabama State Horticultural Society will be held at Montgomery, January 24 and 25. W. F. Heikes, of Huntsville, is president.

MEMBERS of the Kansas Horticultural Society will ask the next legislature to enact a law which will provide penalties for the failure of county clerks to respond to the requests of the secretary.

MT. MORRIS, N. Y.—George Parker, an old time gardener and nurseryman, died December 25, aged 77 years. He was at one time the senior member of the firm of Parker & Henner, nurserymen.

FARMERS' BULLETIN No. 208, issued by the Department of Agriculture, divides the United States into nineteen districts and gives very complete lists of varieties of fruits recommended for planting in each district.

DES MOINES, IA.—For the failure to deliver a quantity of trees and nursery stock E. L. Watrous has commenced an action for damages of \$500 against the Great Western railway. He alleges he delivered the goods to the station of the company in due time for shipment, but that the goods were never delivered as per the contract signed by him.

Nursery Notes.

Cut the bottom eyes out of the Manetti rose stocks as soon as they arrive.

Lilac Persian White is a shrub that is not appreciated.

Why can we not grow forcing lilacs in this country?

Privet Regelianum is a beautiful pendulous shrub that has been proven perfectly hardy.

Head in purple plum when a foot high from bud, then it will make a fine plant the first year. M.

Aesculus Parviflora.

Aesculus parviflora (Syn. *Pavia macrostachya*, *Pavia alba*) is hardy in the latitude of Chicago and in clumps is a very effective shrub. It often grows seven or eight feet high. For single plants it is rather straggling, at least I have found it so, but when old it is quite attractive with its numerous white spikes. J. J.

Pear Blight in California.

H. G. Boyce, J. R. Chadbourne and H. C. Blake, the members of the Solano County Board of Horticultural Commissioners, have submitted a report to the board of supervisors upon the pear blight, which has recently gained a foothold in the orchards of this section. The report contains a history of the pear blight in this state. The commissioners

have visited the districts in the San Joaquin valley, where it is most prevalent, and the infected orchards of Solano County, along the Putah Creek and the upper end of the Vaca valley. The report recommends that affected limbs be cut off as soon as the pear blight appears. It also asks the supervisors to lay the matter before the legislators at the next session.

Forest Reserves.

Federal forest reserves are now fixed facts, according to a recent bulletin of the national bureau of forestry. It is a serious thing to withdraw from settlement, as the government has done, some 63,000,000 acres of land. But when the character of this land is understood, and the purposes the reservations will accomplish are known, it will be generally recognized that the area permanently reserved will serve the public best under forest cover. Its topography and soil unfit it for agriculture, but it is admirably suited to tree growth. Wisely administered, it will continuously furnish an immense timber output, while its influence in conserving the water supply for vast dependent agricultural areas will prove of inestimable value.

Hartford, Conn.

The Hartford Florists' Club has passed resolutions favoring the roundhouse property for an armory site in Bushnell park and the state capital grounds, thus making a grouping of public buildings that will add greatly to the park appearance. Theodore Wirth, park superintendent, is a member of the committee appointed by the club to take action in the matter.

Louisville.

The last week of the old year proved to be a very satisfactory one in many respects. The year just passed proved a good one, so far as the amount of business done is concerned. Roses of exceptional quality are to be had in satisfactory quantities, and the demand is also satisfactory. American Beauty have been easy to sell. Carnations of good quality are to be had, but the quantity is not sufficient, the demand being unusually good. Of the fancy varieties, Enchantress is holding its own. Violets of very good quality are to be had, but the quantity is far from reaching the demand, which has been unusually good. Lily of the valley can be had in good quantities and the quality is excellent. Mignonettes have not been coming in with very good quality. Sweet peas have been coming in in larger quantity. Asparagus sprays are very short and the demand brisk.

Schulz' decoration at the Woman's club was one of the most elaborate attempted at a recent date. Nearly a

thousand yards of garland, many cases of southern smilax, Gloire de Lorraine begonias and other decorative plants were used. Many electric lights, covered with pink paper, added a great deal to the general appearance.

The Kentucky Society of Florists' preliminary premium list is about ready and will be sent out within a short time. It is attempted to make the next show the greatest in the history of the society.

William Walker has been keeping a very nice display in his window. His cyclamens are very good. F. L. S.

Tarrytown, N. Y.

Christmas trade here was fully up to the average. The F. R. Pierson Company, John Egan & Son and W. T. McCord all report a satisfactory and increasing demand. Holly cleaned out entirely, and, notwithstanding the fact that nearly every grocer and butcher in town had a supply of Christmas greens, in the form of trees, roping and wreaths, the florists had about their usual run; in fact, they had all the better class of trade because they supplied a better article. The weather was fairly moderate and deliveries were facilitated. Gloire de Lorraine begonias were a winning card at Pierson's. This firm had one house well stocked and retailed them all. They brought from \$1.50 in 5 and 6-inch pots to \$7.50 in 10-inch pans. Azaleas and ferns sold well, also primroses and other flowering plants. A number of specimen plants of *Nephrolepis Piersoni* elegantissima were also disposed of as Christmas gifts at novelty prices. Azaleas brought from \$1.50 to \$6, Boston and Piersoni ferns, \$1.50 to \$2 and upwards. All the regular customers ordered a supply of cut flowers for Christmas, and they were supplied at rates which did not much exceed the usual prices.

A regular customer treated with liberality at Christmas time usually appreciates the same and is a better customer afterwards. They reason thus: "If you are cheaper than others at Christmas time you cannot be very bad the rest of the year." J. T. Scott.

Colorado Conifer Seed

Our seed is gathered at an altitude from 7,000 to 10,000 ft. and produces trees of extreme hardiness.

| | Trade Pkt. |
|-----------------------|------------|
| Abies Concolor..... | \$.25 |
| Abies Douglasii..... | .25 |
| Abies Grandis..... | .25 |
| Picea Engelmanni..... | .25 |
| Picea Pungens..... | .25 |
| Pinus Aristata..... | .25 |
| Pinus Ponderosa..... | .25 |
| Pinus Flexilis..... | .25 |

The eight packets, postpaid, for \$1.50. Our Picea Pungens are gathered from the very bluest trees in Colorado.

D. S. GRIMES & CO., Denver, Colo.

Please mention the American Florist when writing.

3 Good Things For 1905 Rose Baby Rambler
Canna King Humbert
Gladiolus Princeps

VAUGHAN'S SEED STORE, Chicago and New York.

The Christmas Rush IS OVER.

Get in your order for **HARDY SHRUBS, RAMBLERS** and **HYBRID ROSES** for
EASTER FORCING

And Rooted Cuttings of **CARNATIONS** for Early Delivery.

CARNATIONS ROOTED CUTTINGS.

| | Per 100 | Per 1000 |
|-----------------------------------------------------------------|---------|----------|
| FIANCEE , Prize-winning Pink, March delivery..... | \$12.00 | \$100. 0 |
| CARDINAL , Large Scarlet, January delivery..... | 12.00 | 100.00 |
| ECLIPSE , Dorner's New Pink, January delivery..... | 12.00 | 100.00 |
| RICHMOND GEM , Scarlet Money-Maker, Jan. delivery..... | 10.00 | 75.00 |
| CHICAGO WHITE , Rudd's New White, Feb. delivery.... | 12.00 | 100.00 |
| PHYLIS , Rudd's Fine Light Pink, Feb. delivery..... | 12.00 | 100.00 |
| RED LAWSON , Red sport from Lawson, Jan. delivery... | 10.00 | 75.00 |
| GIBSON BEAUTY , Large Light Pink, Jan. delivery.... | 12.00 | 100.00 |
| WHITE SWAN , Productive Pure White, Jan. delivery.... | 12.00 | 100.00 |
| LADY BOUNTIFUL , Best all-around White, Jan. delivery... | 6.00 | 50.00 |
| NELSON FISHER , Cerise Pink, large and free..... | 6.00 | 50.00 |
| WHITE LAWSON , White sport from Lawson, Jan. delivery... | 7.00 | 60.00 |
| INDIANAPOLIS , Bright Clear Pink, free, Jan. delivery.. | 5.00 | 40.00 |
| THE BELLE , Large Pure White, Jan. delivery..... | 6.00 | 50.00 |
| FLAMINGO , Large Brilliant Scarlet, Jan. delivery..... | 6.00 | 50.00 |

ALSO ALL STANDARD SORTS OF OLDER KINDS.

| | Each | Doz. | 100 |
|---------------------------------------------------------------------|------|---------|---------|
| DEUTZIA CRAGILIS , pot-grown for 7-inch pots..... | .15 | \$ 1.50 | \$12.00 |
| LEMOINEI | .40 | 3.50 | 25.00 |
| LILAC , Chas. X and Marie Legraye, pot-grown..... | .85 | 9.00 | 65.00 |
| extra heavy | 1.01 | 11.00 | |
| AZALEA MOLLIS , mixed kinds, 21 buds..... | .40 | 4.00 | 30.00 |
| RHODODENDRONS , for forcing, bushy plants, 8 to 12 buds..... | 1.00 | 11.00 | |
| For forcing, large plants, 15 to 25 buds..... | 2.00 | 22.00 | |
| HYDRANGEAS , Otaksa, Red Branched, Thos. Hogg..... | | 5.00 | 35.00 |
| Dormant, 2-year old, pot-grown, for forcing..... | | 2.00 | 15.00 |
| CRIMSON RAMBLERS , strong, 2-year old..... | | 2.00 | 15.00 |
| DOROTHY PERKINS | | 2.50 | 20.00 |
| GRUSS on TEPLITZ | | 2.00 | 15.00 |
| MAMAN COCHET | | 2.00 | 15.00 |
| HERMOSA | | 2.25 | 16.00 |
| CLOTHILDE SOUPERT , strong field plants..... | | 1.50 | 10.00 |
| AMERICAN BEAUTY | | 2.00 | 15.00 |
| KAISERIN AUG VICTORIA | | 2.50 | 20.00 |
| PAUL NEYRON | | 2.50 | 20.00 |
| LA FRANCE | | 2.00 | 15.00 |

Anna de Diesbach, Coquette des Alps, Captain Christy, Fisher Holmes, General Jacqueminot, John Hopper, Mad. Gabriel Luizet, Mad. Caroline Testout, Magna Charta, Marshall P. Wilder, Mrs. John Laing, Ulrich Brunner, Etc., all at... 1.50 11.00

VAUGHAN'S SEED STORE, Chicago.

Greenhouses and Nurseries,
Western Springs, Ill.

BABY RAMBLER

The New Rose

Strong dormant plants for December delivery. \$4.50 per dozen; \$35.00 per 100.

James Vick's Sons,
ROCHESTER, N. Y.

Send to **THE MOON** Company
For Trees, Shrubs, Vines
Your and Small Fruits.
Descriptive Illustrated Catalogue Free
THE WM. H. MOON CO.
Morrisville, Pa.

HAERENS EXOTIC NURSERIES

SOMERCEM, CHENT, BELGIUM.

Furnish **PALMS, ARAUCARIAS, BAY TREES, FICUS** and other decorative plants for 1905. Spring delivery, in prime quality, carefully packed. For tradelist address the American Agents

August Rölker & Sons
31 Barclay St., P. O. Box 752, NEW YORK.

Jacs Smits, Ltd. NAARDEN, (Holland.)
(BRANCH AT BOSKOOP.)

Wholesale Growers of Hardy Fancy, Ornamental nursery stock, pot-grown forcing plants. Lilac a specialty. Berlin and Hamburg Valley—the best quality. Catalogue free on demand.

When in Europe please inspect our nurseries.
NAARDEN-BUSSUM, near Amsterdam, is our R. R. Depot.

Munson Nurseries.

New catalogue now ready. "Can't buy trees right without it." Get it of

T. V. MUNSON & SON, Denison, Tex

The MUNSON GREENHOUSES. Cut flowers and Bedding Plants for retail trade.
WILL B. MUNSON, Denison, Tex.

Spiraea

| | | | |
|----------------------------------------------|----------|---------|---------|
| JAPONICA | picked | Per 100 | 1000 |
| COMPACTA and ASTILBOIDES | (clumps) | \$4.50 | \$40.00 |
| | | 5.00 | 45.00 |

GLADIOLUS COLVILLII

| | | |
|--------------------------|-----|------|
| The Bride, white..... | .75 | 5.50 |
| RUBRA , pink..... | .60 | 4.75 |

ARTHUR T. BODDINGTON, SEEDS, BULBS, PLANTS, NEW YORK.
342 West 14th St.,

TREES

Fruit Trees, Small Fruits, Ornamental Trees, Evergreens and Shrubs, Shade Trees, Hardy Roses, Hardy Plants, Climbers, etc. The most complete collections in this country.

Gold Medal—Paris—Pan-American—St. Louis. 102 prizes New York State Fair, 1904.

Illustrated Descriptive Catalogue FREE on Request.

ELLWANGER & BARRY

Mt. Hope Nurseries, Rochester, N. Y.
Drawer 1044 Y Established 65 Years.

Beautiful Grounds.

An illustrated Manual containing suggestions on Lawn Making, Planting and care of Shrubs and Trees, with names and descriptions of varieties hardy and of merit. Also information regarding Landscape Plans, Topographical Surveys, etc. A book you will often refer to. Send for it to-day. Free on application.

Peterson Nursery, 503 W. Peterson Ave., Chicago.

Philadelphia Rambler.

Flowers brighter and much more double than Crimsoo Rambler, strong grower, blooms earlier and does not black out.
Field plants, 2 to 3 ft., \$2.00 per doz.; \$15.00 per 100
Field plants, 3 to 4 ft., \$3.00 per doz.; \$20.00 per 100

The Conard & Jones Co., WEST GROVE, PA.

W. van Kleef & Sons,

Wholesale Growers of all kinds NURSERY STOCK.

BOSKOOP, HOLLAND,

Catalogue free on demand. No Agents. Please inspect our nurseries when in Europe. No agents.

PEONY

Festiva Maxima

The Best White, Guaranteed true to Name.

Special Cheap Offer For February delivery, 2,000 strong plants, two years old. 2,000 strong plants, taken from large divided clumps, plenty eyes, very advantageous for planting, per 100, \$24.00; per 1000, \$200.00. Fine plants, 1-year old, per 100, \$18.00. P. D'Heur Bretonneau and Edulis Superba, strong plants, per 100, \$7.00.

Prices net for Cash. Packing Free.

A. DESSERT, Chenonceaux, France.
PEONY CROWER.

Hardy Native Pennsylvania

RHODODENDRONS

Large clumps, 2 to 6 feet high, finest stock of hardy forest collected Rhododendrons in the United States, especially suited for planting on fancy lawns and large estates. Large orders especially solicited. Can furnish 100 car loads. Prices right. Also 200,000 extra fine Apple Trees very cheap. Fine stock of Plum, Pear, Peach, Cherry and Quince Trees, at reasonable prices. Full line of small fruits. We solicit your inquiry and order. Address

The Riverside Nurseries, Confluence, Pa.

SHREVEPORT, LA.—The second annual meeting of the Louisiana State Horticultural Society will be held at the Court house, this city, January 12 and 13. Among the papers to be presented is one by C. W. Eichling, of New Orleans, on chrysanthemums.

Our Pastimes

Announcements of coming contests or other events of interest to our bowling, shooting and sporting readers are solicited and will be given place in this column.

Address all correspondence for this department to J. H. Pepper, 429 Sixth Ave., New York; Robt. Kift, 1735 Chestnut St., Philadelphia; or to the American Florist Co., Chicago.

"As matters stand now the man with the snow shovel has got the man with the hoe put into the leisure class."

At Chicago.

Bowling matters have been at a standstill for several weeks, but now that the gay and festive holiday season is over, night work will be transferred to the alleys and the pins will fall more merrily than ever. The annual spring tournament will be under way in a few weeks.

At Boston.

In the Seed Trade Bowling League Joseph Breck won two games from W. W. Rawson, and R. & J. Farquhar won three straight from Schlegel & Fottler Company in the last match:

| JOSEPH BRECK. | | | | |
|----------------|-----|-----|-----|--|
| Player | 1st | 2d | 3d | |
| Enholm..... | 85 | 74 | 83 | |
| Dacey..... | 76 | 56 | 73 | |
| Sum'ns..... | 61 | 66 | 87 | |
| Armstrong..... | 81 | 91 | 71 | |
| Wheaton..... | 120 | 89 | 90 | |
| Totals..... | 423 | 376 | 404 | |

| W. W. RAWSON. | | | | |
|---------------|-----|-----|-----|--|
| Player | 1st | 2d | 3d | |
| Taylor..... | 66 | 77 | 78 | |
| Cheney..... | 89 | 78 | 86 | |
| Warren..... | 87 | 72 | 69 | |
| Johnson..... | 84 | 72 | 69 | |
| Perry..... | 83 | 79 | 77 | |
| Totals..... | 389 | 378 | 378 | |

| R. & J. FARQUHAR. | | | | |
|-------------------|-----|-----|-----|--|
| Player | 1st | 2d | 3d | |
| Davy..... | 86 | 86 | 67 | |
| McDemott..... | 65 | 71 | 70 | |
| Castle..... | 75 | 87 | 88 | |
| Hardman..... | 70 | 77 | 80 | |
| Jenner..... | 80 | 71 | 102 | |
| Totals..... | 376 | 392 | 407 | |

| SCHLEOEL FOTTLER COMPANY. | | | | |
|---------------------------|-----|-----|-----|--|
| Player | 1st | 2d | 3d | |
| Gates..... | 81 | 83 | 67 | |
| Murray..... | 64 | 57 | 69 | |
| Fay..... | 80 | 85 | 93 | |
| Dummy..... | 66 | 71 | 69 | |
| G'reau..... | 80 | 81 | 78 | |
| Totals..... | 371 | 377 | 374 | |

Ostentation.

"Did you see the tag on that lovely bunch of American Beauty roses at the Muntoburns' Christmas banquet? Whose name was on it? I forgot to look."

"There wasn't any name on it. It was the florist's price mark - \$24 a dozen. They pretended they had forgotten to remove it. Chicago Tribune.

Newport, R. I.

THE MARKET.

Looking back over the holiday trade I note several things that might be changed for the better. I think the entire trade will admit that the competition of recent years has brought the prices of some kinds of Christmas greens far below a reasonable paying basis; and especially is this true of the laurel roping of which a very large quantity is always used. When the perishable nature of these goods is considered there is surely not aliving in selling wreathing at a profit of one cent a yard as was done this Christmas.

In cut flowers and plants, good holiday rates were asked. Carnations led the market easily, all varieties going well, especially some very choice Enchantress. Plants sold better than in any previous year, and at good prices. Poinsettias in small sizes went fast at \$1.50 to \$2 each; ardisias \$2, ericas \$2.50 to \$3.50, azaleas \$3 to \$5, cyclamens \$1, and Begonia Gloire de Lorraine \$1 to \$3.

NOTES.

Local florists are watching with much interest the developments in the reported cut rate war in New York. I understand that a flower market has been opened in Forty-fourth street near Fifth avenue, where a combination of local growers will offer their product direct to the consumer at a discount, in some cases 100 per cent less than charged by the up-town shops. This had been brought about by the dictatorial measures of the jobbers who have charged prices which placed many flowers out of the reach of persons in ordinary circumstances.

The Newport Horticultural Society held its last meeting of the old year Wednesday evening before Christmas. Vice president McLellan presided and Secretary McIntosh was present. James Bloomfield, head gardener to Dr. William T. Bull, was elected an active member of the society. The committee in charge of the annual ball reported it a financial success, there being a balance of something over \$50 after all the bills had been paid.

There has been quite an active demand the past week for Christmas trees for church festivals that are always held after Christmas and the only way it has been possible to supply these orders has been to ask back from customers the trees that have been already used at Christmas.

The regular meeting of the Park commissioners was held last Tuesday; Chairman Shepley and Secretary Hamilton were present. The outstanding bills were approved and the annual report made ready for submission to the city council.

Some very artistic stands for Christmas trees, made of red cedar with the bark left on, were offered at 25, 35 and 50 cents each by the George A. Weaver Company. It helped the sale of trees greatly and saved the customers much trouble.

James Matson, head gardener to William Grosvenor, who for several years has lived at Morton avenue, has moved to a cottage on the Grosvenor estate which has been built especially for him.

William G. Postings, head gardener to Hon. Winthrop Chandler, will sail for Europe January 6. He will be away about two months visiting his people in Shropshire, England.

Dennis B. Leary who for a great many years has been manager here J. M. Hodgson, Inc., was in New York for several days before Christmas assisting his firm at the store there.

A special meeting of the Newport Horticultural Society was held Christmas day at one o'clock in Mercury hall, to attend the funeral of the late William S. Lawton.

A number of large golden baskets have been brought from New York by Hodgson to be used in decorating Masonic hall for the Newport and County Club ball.

Joseph Gibson, gardener to James Stillman at Oaklawn, gave a card party at the greenhouse last Saturday evening in honor of the fiftieth milestone of his life.

M. B. Faxon of the George A. Weaver Company, and wife spent Christmas and

the holiday Monday following, in Boston, the home city of both.

Gibson Brothers did a good business in cut flowers. X.

St. Paul.

THE MARKET.

The holiday business was a record breaker in every line, from green wreathing to the high priced cut flowers. More holly was sold than ever before and at better prices, though one local house offered it as low as \$4 a case. Very little fancy holly was to be had. Ten times as many bells were sold as compared with last year. Wreaths were very popular and sold at a big profit. Mistletoe was probably a little better than ever before. Plant sales were as large and better with some of the trade than last year, poinsettias in pans easily leading, with azaleas, cyclamens and solanums in order. Cut flower stock was not as good as one would wish. Prices realized were better this year, considering quality, than in former years.

NOTES.

Swanson Floral Company had a fine display of blooming plants and made-up baskets, including some very good holly trees.

Wm. Spith with L. L. May & Company has resigned and Jerry Jargenson will have charge of the store hereafter.

L. L. May & Company had a big variety in plants and report cut flower trade ahead of last year.

Holm & Olson sold double the amount of blooming plants and baskets compared with last Christmas.

Haugen & Swanson supplied the trade with fine cyclamens and the best violets.

Recent visitors were J. McIntosh and Charles Schwake, New York; L. Baumann, Chicago; Alfred Clausen, Albert Lea, Minn. O.

GALAX, FERNS, ETC.

Bronze Galax..... @ 60c per 1000
Green Galax..... @ 60c per 1000
Cut Fancy Ferns..... @ \$1.00 per 1000
Cut Dagger Ferns..... @ 1.00 per 1000
Cut Leucothoe Sprays..... @ 3.00 per 1000
Cut Rhododendron Sprays..... @ 4.00 per 1000
First-class and fresh from patch. Cash with order.

J. N. PRITCHARD, Elk Park, N. C.

Please mention the American Florist when writing.

GALAX LEAVES AND Leucothoe Sprays.

J. G. LOVEN, Montezuma, N. C.

Please mention the American Florist when writing.

HEADQUARTERS FOR "SUPERIOR QUALITY" BRAND

Wild Smilax

ALWAYS ON HAND, AND IN ANY QUANTITY.

NONE BETTER.

E. F. WINTERSON CO.,
45-47-49 Wabash Avenue,
CHICAGO.

Please mention the American Florist when writing.

THE BEST WHITE CARNATION IS

Lieut. Peary (WARD)

CERTIFICATED 90 POINTS.

PEDIGREE—White seedlings for several generations. **COLOR**—Snow white. **FRAGRANCE**—Very strong, sweet, decidedly fresh, and pleasing. **SIZE**—Large, averaging 3 inches in diameter on strong stiff stems, 18 to 20 inches in length. **FLOWER**—Full, broad petaled and high center and of a fine symmetrical form. **CALYX**—Long, strong and does not burst. Fine keeper and excellent shipper. **HABIT**—Strong and erect. **CRASS**—Medium width. **CONSTITUTION**—Very vigorous and free from disease. Cuttings root rapidly and will be sent out in the most perfect condition. Commences blooming October 15th and flowers continuously throughout the Winter, affording an abundant crop. A first-class commercial variety in every respect. Now booking orders.

Price, \$12.00 per 100; \$100.00 per 1000.

COTTAGE GARDENS CO., Queens, N. Y.
Incorporated.
ALSO THE FOLLOWING
NOW READY:

| | | | |
|-------|----------------|-------|----------------------------------|
| 3,000 | ETHEL WARD | ..... | \$7.00 per 100. |
| 2,400 | THE PRESIDENT | ..... | \$60.00 per 1,000. |
| 2,000 | WHITE LAWSON | ..... |  |
| 500 | ENCHANTRESS | ..... | \$1.00 per 100; |
| 2,000 | CHRISTMAS EVE | ..... | \$30.00 per 1000. |
| 2,000 | GOLDEN EAGLE | ..... | \$5.00 per 100. \$10 per 1000. |
| 1,000 | HARRY FENN | ..... | \$3.00 per 100; |
| 5,000 | LAWSON | ..... | \$25.00 per 1000. |
| 2,000 | PROSPERITY | ..... | \$2.00 per 100; \$15.00 per 1000 |
| 3,000 | MACKINAC | ..... |  |
| 2,000 | THE BELLE | ..... |  |
| 2,000 | LADY BOUNTIFUL | ..... |  |
| 3,000 | JUDGE HINSDALE | ..... | \$6.00 per 100 |
| 2,000 | MRS. PATTEN | ..... | \$50.00 per 1000. |
| 2,000 | NELSON FISHER | ..... |  |
| 2,000 | OCTOROON | ..... |  |
| 2,000 | FLAMINGO | ..... |  |

50 of a kind at 100 rate; 250 of a kind at 1000 rate.

FRED BURKI

IS THE IDEAL

Commercial White Carnation

Its freedom of bloom, coupled with its other meritorious qualities, will commend it to the most conservative growers. You will make no mistake by growing Fred Burki.

\$12 per 100; \$100 per 1000. 250 at 1000 rates.

—WRITE FOR DESCRIPTIVE CIRCULAR.—

JOHN MURCHIE,
Sharon, Pa.

S. S. SKIDELSKY,
824 No. 24th St., Philadelphia.
Carnation Rooted Cuttings.

NOW READY.

Per 100 1000

| | | | |
|---------------------------------|-------|--------|---------|
| QUEEN LOUISE, fine white | ..... | \$1.20 | \$10.00 |
| ALBA, large white | ..... | 1.40 | 12.50 |
| AMERICA, red | ..... | 1.00 | 10.00 |
| MRS. POTTER PALMER, big scarlet | ..... | 1.20 | 10.00 |
| G. H. CRANE, scarlet | ..... | 1.20 | 10.00 |
| ELDORADO, yellow | ..... | 1.20 | 10.00 |
| MARSHALL FIELD, barred | ..... | 1.40 | 12.00 |
| ARMANDY, barred | ..... | 1.00 | 10.00 |
| MRS. JOOST, pink | ..... | 1.20 | 10.00 |
| LAWSON, pink | ..... | 1.40 | 12.50 |
| PRES. MCKINLEY, pink | ..... | 1.40 | 12.50 |
| SUCCESS, light pink | ..... | 1.20 | 10.00 |
| HARLOWARDEN, crimson | ..... | 1.40 | 12.50 |
| GOV. ROOSEVELT, crimson | ..... | 1.20 | 10.00 |

UNROOTED CUTTINGS HALF PRICE.

TERMS: Cash with order or C. O. D. with privilege of examination. Express prepaid at above prices. All plants warranted true to name and well-rooted.

HERMITAGE CARNATION CO., Loomis, Cal.

Rooted Carnation CuttingsJANUARY DELIVERY. All Orders
Filled in Rotation.

Per 100

| | | | |
|----------------------|------------------|-------|--------|
| Mrs. M. A. Patten | variegated | ..... | \$8.00 |
| White Lawson | ..... | ..... | 6.00 |
| Flamingo | scarlet | ..... | 6.00 |
| Albatross | white | ..... | 6.00 |
| Enchantress | ..... | ..... | 3.50 |
| Queen | white | ..... | 3.00 |
| Boston Market | white | ..... | 3.00 |
| Queen Louise, Lawson | ..... | ..... | 2.00 |
| J. H. Manley | scarlet | ..... | 2.00 |
| Challenger | scarlet | ..... | 2.00 |

Write for Prices on large lots. 5 Per Cent
Discount for Cash with Order.
Jas. D. Cockcroft, NORTHPORT,
L. I., N. Y.

WHITE LAWSON which we introduced last season has given great satisfaction, and has proved to be The Finest White Carnation ever sent out. Remember we are headquarters for it. The demand will undoubtedly exceed the supply this season, and in order to secure early delivery, no time should be lost in placing order. We are now booking orders for early January delivery. Orders will be filled strictly in rotation as received, so the earlier orders are booked the earlier deliveries can be made. We can supply First-class strong rooted cuttings, \$7 per 100; \$60 per 1000. Also the other novelties of the season—Fiancee, Cardinal, Fred Burki, etc. Also the cream of older sorts—Mrs. M. A. Patten, Daheim, Enchantress, Flamingo, Mrs. Thos. W. Lawson etc.

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

Always mention the American Florist when you order stock.

200,000 ROOTED

Carnations

NOW READY.

| White | Per 100 | Per 1000 | Pink | Per 100 | Per 1000 |
|--------------|---------|----------|----------------|---------|----------|
| Queen Louise | \$1.00 | \$10.00 | Cressbrook | 1.00 | 10.00 |
| Flora Hill | 1.00 | 10.00 | Scarlet | | |
| Gov. Wolcott | 1.00 | 10.00 | Crane | 1.00 | 10.00 |
| White Cloud | 1.00 | 10.00 | America | 1.00 | 10.00 |
| Alba | 2.00 | 15.00 | Estelle | 1.40 | 12.50 |
| Pink | | | Crimson | | |
| Lawson | 1.20 | 12.50 | Harlowarden | 1.40 | 12.50 |
| Marquis | 1.00 | 10.00 | Variegated | | |
| Enchantress | 3.50 | 30.00 | Prosperity | 1.40 | 12.50 |
| Mrs. Joost | 1.00 | 10.00 | Marshall Field | 1.40 | 12.50 |
| McKinley | 1.40 | 12.50 | Armazindy | 1.00 | 10.00 |
| Mermaid | 1.00 | 10.00 | Viola Allen | 1.20 | 11.00 |

100,000 Pansy Plants, at \$10.00 per
Thousand.

Unrooted Cuttings at one-half price of rooted cuttings. Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.

Loomis Carnation Co.

Lock Box 115, LOOMIS, CAL.

MY MARYLAND.

The largest, most productive and most profitable White Carnation yet raised. Will be disseminated in 1906. Write us about it. Also for other new and standard carnations.

CHRYSANTHEMUM STOCK PLANTS.

| Each | Doz. | Each | Doz. |
|-----------------------------------------------------------------|-----------------|------------------------------------------------------------------------|-----------------|
| Dr. Enguehard | 35c \$3.00 | Uncle John | 35c 3.00 |
| White Mrs. J.R. | ..... | Rockford | 25c 3.00 |
| Trantor | 35c 3.00 | Mrs. Probin | 35c |
| Am. Beauty | 35c 3.00 | Mrs. Newell | 35c |
| S. T. Wright | 50c 5.00 | | |
| Pacific, B. Rose, Willow Brook, Ivory, Mrs. J. Jones, 10c each. | \$6.00 per 100. | Orizaba, Halliday, Mooravia, Merry Xmas, Liger, H. Sinclair, 10c each. | \$7.00 per 100. |

H. WEBER & SONS, Oakland, Md.

CARNATION CUTTINGS

WELL ROOTED, FROM SELECTED STOCK.

| | Per 100 | Per 1000 |
|-------------------|---------|----------------|
| NELSON FISHER | | \$7.00 \$60.00 |
| MRS. M. A. PATTEN | | 6.00 50.00 |
| FLAMINGO | | 6.00 50.00 |
| CRUSADER | | 6.00 50.00 |
| D. WHITNEY | | 5.00 40.00 |
| ENCHANTRESS | | 4.00 30.00 |
| H. FENN | | 3.00 25.00 |
| MANLEY | | 3.00 25.00 |
| FAIR MAID | | 2.50 20.00 |
| QUEEN | | 3.00 25.00 |

BACKER & CO., Billerica, Mass.

European Horticulture.

(FROM THE GERMAN TRADE PAPERS)

CYCLAMEN "ROKOKO."—It is believed that this new Alpine violet, which originated with the firm of Weigelt & Company, at Erfurt, is destined to be the forerunner of an entirely new and distinct race in the genus cyclamen. In habit of growth, formation, shape and texture of foliage and bloom it differs so greatly from the well known types that it is hardly recognized as anything belonging to the species. In its growth it is a sturdy, robust plant; its flowers are of an unusual size with fluted, wavy and fringed petalage, produced in a great range of colors all through the winter. The large, bold leaves are finely marked. Altogether it is a pot plant of great merit, more effective, it is claimed, than an azalea.

A FAMOUS GRAPE-VINE.—That old and highly cherished grape vine at Hampton Court, England, is still vigorous and as productive as a youngster. It is of the Black Hamburg variety and 136 years old. It has been known to produce as many as 2,200 bunches in one season. The past year only about 400 bunches were allowed to mature, over 1,000 bunches having been thinned out. This resulted in the fruit being of better quality and color, while the bunches were larger than usual. All the bunches are over one pound in weight and many nearly two pounds. The best of the fruit is selected for the king's table.

ODORLESS CARNATIONS.—It is a common complaint, and often expressed by growers and public alike, all over England and continental Europe, that the delicious perfume, so characteristic in the carnation, is a quality now more or less absent in the present day race of this prime favorite of the people. The loss of this principal charm, driven out by high culture and cross-fertilization, aiming only at length of stem and size of bloom, does not seem to be a matter of consideration to the growers of our new varieties. But the public deeply deplores it and can not understand why this should be so. "It seems to me," says a writer in an English journal, "the reason is not far to seek. In striving for large blooms and variety in colors, the raisers have apparently overlooked the special charm of the carnation, i. e., the perfume, which is absent in nearly all the new varieties." Seems like home, doesn't it?

GRAFTING BABY RAMBLER.—P. Lambert, Germany's famous rosarian, suggests in a note to Rosen-Zeitung the practicability of working the Baby Rambler (Mme. Norbert Lavasseure) on to the original Crimson Rambler rose. He believes that any attempt in this direction in the way of grafting or budding would be followed by certain success. Most climbing roses of the multiflora class, he thinks, could thus be made to flower continually or at least repeatedly during a season.

HIGH-PRICED PLANTS. At an auction held in London recently exorbitant figures were realized for some orchids, mostly varieties of *Odontoglossum Alexandra*, coming from the collection of Sir Norman Cookson, Wylam-ou-Tyne. Plants brought from \$1,000 to \$3,000 each, and in the course of somewhat less than two hours seventy-eight specimens were sold for \$28,000.

NOVELTY IN POTATO CULTURE.—After several thorough and systematic experiments in the city gardens at Rastatt, Germany, it was found that potatoes grown from cuttings, probably in the same manner dahlias are propagated, produce a greater and more uniformly sized crop than is obtained by planting the tubers, as is the common method.

DRACENA VICTORIA.—This new, bold and yet graceful dracena is far superior in breadth, shape and coloration of foliage to all other varieties, including *D. terminalis* and *D. Landeni*. The recurring leaves with wavy margins are of a bright golden yellow with a broad central band of deep green adorned with narrow streaks, varying in color from grayish to creamy white. A plant of *D. Victoria* was a conspicuous feature in the gold medal group of new and rare plants arranged by James Veitch & Sons at the recent Shrewsbury show. This specimen was about four feet high and most beautifully colored. There were also smaller plants of this fine new variety included in the first and second prize groups of new and rare plants, staged by William Bull & Sons.

TOM THUMB DAHLIAS.—There is still a demand for these dwarf bedding sorts of dahlias, probably owing to their compact habit and continuity of flowering, qualities possessed but by a limited number of our present-day bedding plants. As an edging to large and boldly grouped borders these little dahlias are unequalled and are therefore highly valued by the plantsman. They are about a foot high and the colors are pleasing.

DAHLIA CENTENNIAL IN GERMANY.—Dahlias were introduced into Germany from Mexico by Alex. V. Humboldt in 1801, just 100 years ago.

GOOD OUTDOOR AZALEAS. Of the so-called Ghent azaleas, obtained by crossing *Azalea mollis* with *A. Pontica*, the best two for culture in the open in Germany are said to be *Souvenir van der Bomm* and *Anthony Koster*, both of them good growers and without doubt producing the largest and most numerous flowers of any variety in this group.

GLADIOLI AMONG PEONIES. If gladioli are planted in beds of peonies after the latter have done flowering they would produce throughout August and September a capital effect and make an otherwise dull part of the garden quite bright, as also provide flowers for cutting.

Rooted CARNATION CUTTINGS

NOW READY

THESE LOW PRICES GOOD ONLY UP TO DECEMBER 25th...

| WHITE. | Per 100 | 1000 |
|---------------------------|---------|---------|
| Queen Louise..... | \$1.00 | \$10.00 |
| Flora Hill..... | 1.00 | 10.00 |
| Alba..... | 1.40 | 12.50 |
| Gov. Wolcott..... | 1.00 | 10.00 |
| Norway..... | 1.00 | 10.00 |
| Lillian Pond..... | 1.40 | 12.50 |
| Chicot..... | 1.20 | 10.00 |
| PINK. | | |
| Mrs. Thos. Lawson..... | 1.40 | 12.50 |
| Enchantress..... | 3.50 | 30.00 |
| Mrs. Joost..... | 1.00 | 10.00 |
| Success..... | 1.00 | 10.00 |
| Mermaid..... | 1.00 | 10.00 |
| Cressbrook..... | 1.00 | 10.00 |
| Pres. McKinley..... | 1.40 | 12.50 |
| Mrs. Theo. Roosevelt..... | 1.40 | 12.50 |

| SCARLET. | | |
|------------------|------|-------|
| G. H. Crane..... | 1.00 | 10.00 |

| SCARLET. | Per 100 | 1000 |
|---------------------|---------|-------|
| America..... | 1.00 | 10.00 |
| Potter Palmer..... | 1.00 | 10.00 |
| Estelle..... | 1.40 | 12.50 |
| J. H. Manley..... | 1.50 | 15.00 |
| Apollo..... | 1.50 | 15.00 |
| CRIMSON. | | |
| Harlowarden..... | 1.40 | 12.50 |
| Gov. Roosevelt..... | 1.20 | 10.00 |
| YELLOW. | | |
| Golden Beauty..... | 1.40 | 12.50 |
| Eldorado..... | 1.00 | 10.00 |
| VARIEGATED. | | |
| Prosperity..... | 1.40 | 12.50 |
| Marshall Field..... | 1.40 | 12.50 |
| Stella..... | 1.40 | 12.50 |
| Armazindy..... | 1.00 | 10.00 |
| Viola Allen..... | 1.20 | 11.00 |
| Gaiety..... | 1.20 | 11.00 |

Special prices on large lots. Unrooted pips at half price of above. 25 at 100; 250 at 1000 rates. Express prepaid at above prices. Cash or C. O. D. with privilege of examining.

LOOMIS FLORAL COMPANY,

Loomis, Cal.



Richmond Gem.

The finest commercial scarlet ever introduced. Place your order early. Send for circular.

Price, \$10.00 per 100; \$75.00 per 1000.

B. K. & B.
Floral Co.
RICHMOND, IND.

Please mention The American Florist when writing.

CRISIS

This **NEW CARNATION** has been thoroughly tried the last two years and is the best scarlet Carnation we have ever seen. It is a money maker. Send for descriptive circular. Price, \$12.00 per 100; \$100.00 per 1000.

J. L. DILLON, Bloomsburg, Pa.

Wm. Duckham

Extra Fine Clumps, \$1.00 per doz.

Rooted Carnation Cuttings.

| | Per 100 | Per 1000 |
|-------------------|---------|----------|
| WHITE LAWSON..... | \$6.00 | \$60.00 |
| FLAMINGO..... | 5.00 | 40.00 |
| ENCHANTRESS..... | 3.50 | 30.00 |
| THE QUEEN..... | 2.50 | 20.00 |

CARDINAL.

January delivery.....\$12.00 per 100

LARCHMONT NURSERIES

LARCHMONT, N. Y.

Please mention The American Florist when writing.

Wm. P. Craig, 1224 Cherry St., Philadelphia, Pa.

Representing Joseph Heacock and John Burton, Assignees.

PAIAMS, FERNS, CROTONS and DECORATIVE PLANTS

GERANIUMS.

ROOTED CUTTINGS.

Fifteen varieties at \$10.00 and \$12.50 per 1000. Send for complete price list of GERANIUMS and CARNATIONS.

ALBERT M. HERR, Lancaster, Pa.

Carnations

ROOTED CUTTINGS.

Send for price list of all the new and standard sorts.

Wm. Swayne, Box 226, Kennett Square, Phila.

ALWAYS MENTION THE....

AMERICAN FLORIST

WHEN WRITING ADVERTISERS.

CARNATIONS.

Rooted Cuttings Now Ready.

ECLIPSE Our 1905 introduction. A pink carnation, lighter in color than Lawson and of a more even and bright shade of pink. No objectionable shadings or bleachings. A strong, free growth, large flowers on long stiff stems and early and continuous flowering.

FIANCEE A most pleasing shade of medium pink. No carnation has ever equaled number of awards received by this variety.
CARONAL—Brilliant scarlet. A great improvement over Estelle.
FRED BURKI—Pure white.

—The above four varieties, \$12.00 per 100; \$100.00 per 1000—

RICHMOND GEM—Scarlet. \$10.00 per 100; \$75.00 per 1000.

LADY BOUNTIFUL AND THE BELLE The two best commercial white carnations of the present day. Both have received honors over competitors at the fall exhibitions. We have large stocks of these two varieties which are already in great demand. Do not delay in placing your order for early delivery. \$8.00 per 100; \$50.00 per 1000; \$112.50 per 2500.

WHITE LAWSON—\$7.00 per 100; \$60.00 per 1000.

FLAMINGO, NELSON FISHER and MRS. M. A. PATTEN, \$6.00 per 100; \$50.00 per 1000.

CRUSADER, INDIANAPOLIS, JUDGE HINSDALE and THE PRESIDENT, \$5.00 per 100; \$40.00 per 100.

ENCHANTRESS, \$3.00 per 100; \$25.00 per 1000.

In addition to the above we can supply twenty-five of the best standard sorts, varieties that are profitable to grow.

Our preliminary Price List will be sent upon application. We are pioneers in the carnation line and our facilities for rooting and handling cuttings are nearly perfect, due to our long experience.

F. DORNER & SONS CO.,

La Fayette, Ind.

CARNATIONS

Rooted Cuttings

| | Per 100 | 1000 |
|---------------------|---------|---------|
| FLAMINGO..... | \$6.00 | \$50.00 |
| THE BELLE..... | 5.00 | 45.00 |
| CRUSADER | 5.00 | 45.00 |
| LADY BOUNTIFUL..... | 5.00 | 45.00 |
| INDIANAPOLIS..... | 5.00 | 45.00 |
| ENCHANTRESS..... | 3.00 | 25.00 |
| BOSTON MARKET..... | 2.50 | 20.00 |
| NELSON..... | 1.50 | 12.50 |
| ADONIS..... | 2.50 | 20.00 |
| LAWSON..... | 1.50 | 12.50 |
| MORNING GLORY..... | 1.50 | 12.50 |
| JOOST..... | 1.50 | 12.50 |
| ESTELLE..... | 1.50 | 12.50 |
| HIGINBOTHAM..... | 1.00 | 9.00 |
| FLORA HILL..... | 1.00 | 9.00 |
| QUEEN LOUISE..... | 1.00 | 9.00 |
| PERU..... | 1.00 | 9.00 |
| GUARDIAN ANGEL..... | 1.00 | 9.00 |

All cuttings sold under the express condition that if not satisfactory they are to be returned immediately when money will be refunded.

PETER REINBERG,
51 Wabash Ave., CHICAGO.

Please mention the American Florist when writing.

STOCK 'MUMS 5 and 6-in. pots.
Golden Wedding, Pink Dean, Major Bonnaillon, Pacific, Ivory, 5c each as long as they last.
W. H. JONES, Lorain, O.

Palmer's
**Red
Lawson**

NOW READY!

SPORT FROM THE FAMOUS
MRS. THOMAS LAWSON

Planted May 18th, in full crop middle of August

ROOTED CUTTINGS:

\$10.00 per 100

\$40.00 per 500

\$75.00 per 1000

Ask your *Brother Florist* if he saw it at the Detroit Carnation Show. Ten to one he will say it's a good carnation to grow. Received **CERTIFICATE OF MERIT** at Detroit Carnation Show—scoring 87 pts.

W. J. Palmer & Son
Lancaster, N. Y.

Please mention the American Florist when writing

Carnation Cuttings.

| | Per 100 | Per 1000 |
|-------------------|---------|----------|
| ENCHANTRESS | \$3.50 | \$30.00 |
| FAIR MAID..... | 2.50 | 20.00 |
| QUEEN..... | 3.00 | 25.00 |
| QUEEN LOUISE..... | 2.00 | 15.00 |
| LAWSON..... | 2.50 | 20.00 |
| CRESSBROOK..... | 2.00 | 15.00 |
| CHALLENGER..... | 2.00 | 15.00 |
| MACEO..... | 2.00 | 15.00 |
| HARRY FENN..... | 3.00 | 25.00 |
| PROSPERITY..... | 2.50 | 20.00 |
| G. M. BRADT..... | 3.00 | 25.00 |
| FIANCEE..... | 12.00 | 100.00 |

C. WARBURTON,
FALL RIVER, MASS.

**ROOTED
Carnation
CUTTINGS
and Orange Trees.**

LARGE STOCK. Write for Prices.

THE PHILIPPI NURSERIES,
ROCKLIN, CAL.

WM. PENN

The most prolific Pink Carnation ever offered in the trade. Every grower should give it a trial; you can not make any mistake in planting a thousand of it, but rather than have you miss it I will send free by mail 25 well-rooted cuttings for \$2.50.

Send for price list of this and other varieties.

| | Per 1000 |
|------------------------|----------|
| QUEEN LOUISE..... | \$10.00 |
| LILLIAN POND..... | 10.00 |
| FLORIAN..... | 12.50 |
| HARRY FENN..... | 12.50 |
| MRS. ROOSEVELT..... | 12.50 |
| MRS. E. A. NELSON..... | 15.00 |

ALBERT M. HERR, Lancaster, Pa.
Please mention the American Florist when writing.

CARNATIONS Flora Hill and Joost, 2-in. pots, \$1.25 per 100.

ROSES Ivory and Golden Gate, 2 1/2-inch, pots, \$1.50 per 100.

H. ROSSITER,

200 Lexington Ave., JERSEY CITY, N. J.

WILSON B. OVIATT, of Brighton, N. Y., says the AMERICAN FLORIST is the only paper in the world or Canada.

BOOKS FOR FLORISTS.

The time is coming along when these are needed and opportunity at hand for reading them. Every one of the following should be in your library.

Send prices quoted and we send the books.

GREENHOUSE CONSTRUCTION (Taft).—It tells the whole story about how to build, and heat a greenhouse, be it large or small, and that too in a plain, easily understood, practical way. It has 118 illustrations. \$1.50.

HEATING AND VENTILATING BUILDINGS (Carpenter).—This book covers the entire subject most fully. In the preparation of heating and ventilating plans, it will be found a most valuable guide. \$4.00.

STEAM HEATING FOR BUILDINGS (Baldwin).—Contains valuable data and hints for steam fitters and those who employ this method of heating. The 350 pages are fully illustrated. \$2.50.

THE HORTICULTURISTS' RULE-BOOK (L. H. Bailey).—Contains information valuable to all those engaged in any branch of horticulture. Illustrated. 312 pages. 75 cents.

PRACTICAL FLORICULTURE (Peter Henderson).—A guide to the successful propagation and cultivation of florists' plants. Illustrated. 325 pages. \$1.50.

THE ROSE—Its cultivation, varieties, etc. (H. B. Ellwanger).—A complete guide of the cultivation of the rose, together with the classification of all the leading varieties. \$1.25.

GINSENG (Kains).—At the present time when so much interest is taken in ginseng it will be interesting to peruse this volume, which tells all about the plant in a way that all may understand. The 144 pages are freely illustrated. 50 cents.

THE PRINCIPLES OF FRUIT GROWING (Bailey).—The entire subject of fruit culture is treated very thoroughly in this illustrated volume of 516 pages. It is a book that no up-to-date fruit grower can afford to be without. \$1.25.

CHRYSANTHEMUM MANUAL (Smith).—By an expert who has given his undivided attention for twenty years to the improvement of the chrysanthemum and its culture in detail. Profusely illustrated. 25 cents.

CABBAGES, CAULIFLOWER AND ALLIED VEGETABLES (Allen).—The requirements of the important vegetables of the cabbage tribe are given here very fully. The book also contains interesting chapters on seed raising, insect pests and fungus diseases common to these plants. 50 cents.

LANDSCAPE GARDENING (Waugh).—This is a very useful little book on the art of landscape gardening. It will be found exceptionally valuable to amateurs as it covers in detail the numerous problems that come to the owners of small gardens. It is freely illustrated and the pictures have been chosen with a view to informing the reader rather than decorating the book. 50 cents.

ASPARAGUS (Hexamer).—A practical treatise on the planting, cultivation, harvesting and preserving of asparagus with notes on its history and botany. This book is mainly devoted to the culinary kinds of asparagus, but there is also some reference to the ornamental species. 50 cents.

HEDGES, WINDBREAKS, ETC. (Powell).—A treatise on the planting, growth and management of hedge plants for country and suburban homes. A volume of 140 pages with twenty-two illustrations. 50 cents.

AMERICAN FLORIST CO.,

324 Dearborn Street.

CHICAGO.

ROOTED CUTTINGS READY.

White Lawson

\$7.00 per 100; \$60.00 per 1000.

ENCHANTRESS, - - \$4.00 per 100; \$30.00 per 1000
PINK LAWSON, - - 3.00 per 100; 20.00 per 1000

Send for catalogue for other varieties.

CHICAGO CARNATION CO.
JOLIET, ILLINOIS.

ROOTED CUTTINGS.

Fine Clean, Healthy Stock.

ROSES.

| | Per 100 | Per 1000 |
|----------------------|---------|----------|
| AMERICAN BEAUTY..... | \$3.00 | \$25.00 |
| LIBERTY..... | 3.00 | 25.00 |
| BRIDESMAID..... | 1.50 | 12.50 |
| BRIDE..... | 1.50 | 12.50 |
| GOLDEN GATE..... | 1.50 | 12.50 |
| IVORY..... | 1.50 | 12.50 |

CARNATIONS.

| | Per 100 | Per 1000 |
|---------------|---------|----------|
| RED | | |
| CRUSADER..... | \$6.00 | \$50.00 |
| FLAMINGO..... | 5.50 | 45.00 |
| ESTELLE..... | 2.00 | 17.50 |
| INE..... | 1.50 | 12.50 |

PINK

| | | |
|---------------------|------|-------|
| NELSON FISHER..... | 6.50 | 55.00 |
| MRS NELSON..... | 2.00 | 17.50 |
| MRS. LAWSON..... | 1.50 | 12.50 |
| GUARDIAN ANGEL..... | 1.25 | 10.00 |
| MRS. JOOST..... | 1.25 | 10.00 |
| GENEVIEVE LORD..... | 1.25 | 10.00 |

LIGHT PINK

| | | |
|--------------------|-------|--------|
| HIGHBOTHAM..... | 2.00 | 17.50 |
| GIBSON BEAUTY..... | 12.00 | 100.00 |

WHITE

| | | |
|--------------------|------|-------|
| BOSTON MARKET..... | 2.50 | 20.00 |
| PERU..... | 1.50 | 12.50 |
| WHITE CLOUD..... | 1.50 | 12.50 |
| QUEEN LOUISE..... | 1.50 | 12.50 |
| FLORA HILL..... | 1.25 | 10.00 |

GEO. REINBERG,
51 Wabash Ave., CHICAGO.

Your Holiday Rush IS OVER.

And you turn to look at your stock of young Roses, Carnations, Etc. Look over our list of varieties grown for the trade and write us for prices.

ROSES.

Meteor, Wootton, Gen. MacArthur, Bride, Kaiserin, Ivory, Bridesmaid, La Detroit, La France, Perle, Golden Gate, American Beauty, Pres. Carnot, New Richmond.

CARNATIONS.

Crane, Estelle, Queen Louise, Gov. Wolcott, Glacier, Norway, Mrs. Fisher, Mrs. Joost, Guardian Angel, Lawson, Enchantress.

Remember we have the largest stock of Boston, Piersons, Sprenger and Plumosa.

GEO. A. KUHL, Pekin, Ill.

Roses Rooted Cuttings

January Delivery.

Bride, Bridesmaid, Golden Gate, Ivory, \$1.25 per 100; \$10.00 per 1000. Selected from healthy grafted stock. Satisfaction guaranteed. 25¢ at 1000 rate. Cash or satisfactory references.

BAUR FLORAL CO., 20 W. 10th St., Erie, Pa.

Red Sport

(OF MACEO)

This New "Bread and Butter" commercial brilliant "Crane" Red Carnation, now in its fourth year, has the hardy constitution of Geo. Maceo, with a stronger, heavier growth, longer and stiffer stem and larger flower.

Growing under the same conditions and in the same house with Flamingo and Estelle, it has produced four times as many flowers as the former and twice as many as the latter. The color is as good as Estelle and the bloom brings as much as does Estelle at its best. Every flower is of a uniform, brilliant red, perfectly double, with an ideal calyx; in fact, we have never seen a split one.

RED SPORT is perfectly healthy, an easy variety to grow, an early and continuous bloomer, throwing its heaviest cuts around the Christmas holidays and during the winter months, when red is in demand.

RED SPORT will keep longer and travel farther than any other red carnation, and will prove a bonanza to growers doing a shipping business.

If the scarcity of reds in the market that now exists continues, **RED SPORT** will pay better to the square foot of bench room than any other variety of any color to date.

Every florist who has seen **RED SPORT** growing has placed an order for rooted cuttings, which tells the tale.

All our rooted cuttings are sold until after January 25. Orders filled in strict rotation from above date on.

Price, 12 for \$1.50; 25 for \$2.50; 50 for \$4.00, postpaid, \$8.00 per 100; \$50.00 per 1000, by express.

We guarantee cuttings to be well rooted and to arrive in good condition.

A. B. Davis & Son, Carnation Specialist
PURCELLVILLE, VA.

NEW CARNATION William Penn

A seedling of Scott and McGowan. A very pleasing, salable shade of pink. Free and continuous bloomer, good habit, and should be planted by every grower, who uses his own flowers, because there are always plenty to use. I have grown it for five years and it has given me more good salable flowers per square foot than any other variety I ever grew.

Price per 100, \$10.00; 25 at 100 rates. Price per 1000, \$75.00; 250 at 1000 rates.

FRANK L. KOHR, Lancaster, Pa.

—R. F. D. No. 3—

Roses for Spring Blooming.

The proper sorts. Clothilde, Souper, General Jacqueminot, Ulrich Bruner, La France, Magua Charta, Crimson Rambler, etc.; fine field-grown plants that have never been forced, suitable for 5-inch pots at 7¢; larger for 6-in., at 12¢. Crimson Rambler, XXX, long tops, 20¢. Large-flowered Clematis, fluest purple, lavender, white and red sorts—2-year at 18¢; 1-year, at 9¢. Hydrangea pan. grand, fine bushy plants, 8¢. Other shrubs, etc., in cellar, priced on application. Packing free for cash. **W. H. SALTER,** Rochester, N. Y.

Araucaria Excelsa.

We are Headquarters for these fine, beautiful plants. Cheaper and better than can be obtained elsewhere. Plants in 6-inch pots, 20, 25 and 30 inches high, 5, 6, 7 tiers, \$1.00, \$1.25 and \$1.50 each.

FICUS ELASTICA, (Rubbers), 6-inch pots, 20, 25, 30 inches high, all perfect leaves, good from top to bottom, \$5.00 to \$6.00 per doz. Specimens, 7-inch pots, extra good 75c each.

ORACAENA BRUANTI, 6-inch pots, 20 to 25 inches high, 50c each; \$5.00 per doz.

KENTIA FORSTERIANA, (Made-up plants), 3 in a pot, 5, 6, 6½-inch pots, 30 inches high, 75c each; 35 to 40 inches high, very fine, \$1.00, \$1.25, \$1.50 each.

LATANIA BORBONICA, healthy plants, 5 to 6 leaves, 50c each.

COCOS WODELLIANA, 3-inch pots, strong, 15c each.

Pots removed unless otherwise notified. Cash with order please. All goods travel at purchaser's risk.

Godfrey Aschmann,

Wholesale Grower and Importer of Pot Plants.
Bell Phone Tloga 3669 A.

1012 Ontario St., Philadelphia, Pa.

Orchids!



CATTLEYA MENDELII, just arrived in fine condition a shipment of this scarce and beautiful Orchid. Also *Laelia Anceps* and *Ocimum Tigrium*, etc. Write for special list No. 14.

Lager & Hurrell, SUMMIT, N. J.

Orchid Growers and Importers.

For QUALITY,
QUANTITY
and PRICE in

ORCHIDS

— APPLY TO —

JULIUS ROEHRS,

RUTHERFORD, N. J.

GARDENIA PLANTS.

(GRANDIFLORA CAPE JESSAMINE.)

Our leading specialty. Natural growing conditions here ideal; size tells its own story. We do not think they can be equaled elsewhere. 1-year, 18 to 24-in., \$1.50 per doz.; \$10.00 per 100. Dormant now and until February 25th.

C. W. BENSON, Alvin, Tex

VIOLETS.

Write for lowest price on Violets. We took 1st premium at the "World's Fair," Chicago and Joliet Flower Shows. We can give the right price as we are growers.

ELI CROSS, Grand Rapids, Mich.

Peacock's ...Dahlias

For plants or bulbs address

L. K. PEACOCK,
Dahlia Specialist, ATCO, N. J.

HINODE FLORIST CO.

...JAPANESE NOVELTIES...

TINY PLANTS, in 2 and 3-in. decorated Japanese pots, \$15.00, \$20.00 and \$25.00 per 100.
RHAPIS, 5 to 15 shoots, 50 cents each.

CASH WITH ORDER.

LARGEST GROWERS OF EASTER LILIES.
WOODSIDE, N. Y. and WHITESTONE, L. I., N. Y.

CYCLAMEN

SPLENDENS GIGANTEUM HYBRIDS. Finest strain in the world, in bud and bloom. First-class grown stock from 5-inch pots, \$2.50 per dozen; \$20.00 per 100. Satisfaction guaranteed.

PAUL MADER, East Stroudsburg, Pa.

Buy Now

FOR STOCK OR GROWING
ON FOR SPRING SALES.

250 at 1000 rates. All from 2¼ or 2½-inch pots.

Geraniums, including Nutt, Riccard, B. Poitevine, Mme. Barcey, etc., strong stock, \$25.00 per 1000. Our choice of vars. in assorted colors at \$20.00 per 10.0.

Coleus, 10 best market varieties, \$2.50 per 100; \$20.00 per 1000.

Ageratum, Stella Gurney and Princess Pauline, \$2.50 per 100; \$20.00 per 1000.

Heliotrope, dark purple and blue, named varieties, \$3.00 per 100; \$25.00 per 1000.

Hibiscus, Peachblow, grandest variety out, \$3.00 per 100.

Primula Forbesii, \$2.50 per 100; \$20.00 per 1000.

Flowering Begonias, in variety, \$3.00 per 100; \$25.00 per 1000.

Send for
Wholesale
List.

The STORRS & HARRISON CO. Painesville, Ohio.

500,000 VERBENAS

THE CHOICEST VARIETIES
IN CULTIVATION.

Fine pot plants, \$2.50 per 100; \$20 per 1000. Rooted Cuttings, 60c per 100; \$5 per 1000; \$45 per 10,000.

NO RUST OR MILDEW.

PACKED LIGHT, AND SATISFACTION GUARANTEED. SEND FOR CIRCULAR.

We are the Largest Growers of Verbenas in the country. Our plants cannot be surpassed.

J. L. DILLON,

BLOOMSBURG, PA.

PANSIES. Giant. Last Chance. \$2.00 per 1000.

Guaranteed to please. Safely packed with very liberal count. **Daisies**, Long-fellow, \$2.00 per 1000. This is a bargain. **Primula**, Obe. Grandifl., pink and white mixed, in bud, 1½c. **Alyssum**, Double Giant, 2c. **Heliotrope**, blue, 1½c. **Fuchsia**, 2c. **Asp Sprengeri**, 2-1c., 1½c. **Plumosa Nanus**, 12-1c., 1½c. 3-1c., 4c. **Rooted Cuttings**, prepaid, per 100: **Alyssum**, Giant Double, 75c; **Ageratum**, Gurney, 60c; **Alternanthera**, best red and yellow, fall struck, extra strong, 50c; **Fuchsia**, 5 fine sorts, \$1.25; **Giant Marg. Daisy**, white, \$1.00. **Coleus**, the best bidders, 50c; **Salvia**, Splendens, 75c. **CASH. BYER FLORAL CO., Shippensburg, Pa.**

PANSY PLANTS THE JENNINGS

Fine plants, fancy colors, large flowering. Large plants in bud and bloom, \$1.00 per 100. Medium size for cold frames, \$3.50 per 1000; 500 for \$2.00. By mail, 75c per 100. Seed, \$1.00 per pkt.; \$5.00 per oz. Cash with order.

E. B. JENNINGS, Lock Box 254, SOUTHPORT, CONN.
GROWER OF THE FINEST PANSIES.

SALVIA.

The two best sorts **LORD FAUNTLEROY**, (dwarf), **BONFIRE**, (tall). Rooted cuttings, \$1.00 per 100; \$5.00 per 1000.

Send For Our List of other Stock.

The W. T. Buckley Co., SPRINGFIELD, ILL.

SPECIALTIES

ROSES, from 3-inch pots,
CARNATIONS, for all delivery,
CHRYSANTHEMUMS,
SMILAX, **VIOLETS**.

In Best

Varieties

Prices Low. Send for List.

WOOD BROTHERS, Fishkill, N. Y.

**JOHN BURTON, Assignee for
ROBERT CRAIG & SON,
ROSES, PALMS,**

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

Please mention the American Florist when writing.

Scarce Plants

| | Per 100 |
|--------------------------------------|---------|
| Begonia, Louise Erdody, 3-inch..... | \$ 7.00 |
| Crown of Thorns, 2½-inch..... | 7.00 |
| Farfugium Graode, bushy, 3-inch..... | 1.00 |
| Grevillea Robusta, 2-inch..... | 3.00 |
| Geranium, Apple Scented, 2-inch..... | 3.00 |
| Wm. Langguth, 2-inch..... | 5.00 |
| Hibiscus, Peachblow, 2-inch..... | 3.00 |
| Lemon, American Wonder, 2-inch..... | 3.00 |
| Plumosa and Sprengeri, 2-inch..... | 2.50 |

Iowa Seed Company,
DES MOINES, IOWA.

Please mention the American Florist when writing.

Bedding Plants

| | Per 100 | 24-in. R.C. |
|----------------------------------------------------------------------------|-----------|-------------|
| 5,000 Alternantheras , red, yellow, \$ 5 | Exp. Mail | \$.60 |
| Alyssum , double sweet..... | | \$2.00 1.00 |
| Boston Ferns , very fine, pot-grown, 5-inch..... | | 25.00 |
| Feverfew , Little Gem..... | \$15 | 2.00 1.00 |
| Fuchsia , 6 named varieties..... | | 2.00 1.00 |
| 15,000 Geraniums , Nutt and 20 other varieties..... | \$20 | 2.75 |
| Pelunias , double fringed, white..... | | 2.50 1.25 |
| 50,000 Pansies , Florists' International, strong, transplanted..... | \$10 | |
| Extra, in bud and bloom..... | \$15 | |
| 20,000 Vinca Variegata , R. C..... | \$ 7.50 | 1.00 |
| Salvia , 4 named varieties..... | | 2.00 1.00 |

LUDVIC MOSBAEK, Onarga, Ill.

Please mention the American Florist when writing.

Geraniums

STRONG, FALL STRUCK.

Mme. Barcey, M. A. Riccard,
Mme. Leodry, Mme. Buchner,
Mrs. E. G. Hill, Sam Sloan,
La Favorite, Villa de Poitiers,
Marquis de Castellan,
24-inch pots, \$2.50 per 100.

A. H. TREGO, the largest and best Scarlet Bedder, \$5.00 per 100.

NATHAN SMITH & SON, ADRIAN, MICH.

Please mention the American Florist when writing.

Address **EDITORS OF THE "H. A."**
Chilwell Nurseries, LOWDHAM, Notts, England.

PALMS, FERNS

AND

Decorative Plants.**R. DREYER, Woodside, L. I., N. Y.****Boston Ferns.**

Strong bushy plants, from bench, ready for 5-inch pots, 20c each.

ASPARAGUS SPRENGERI.

2½-inch, very strong, ready for immediate shift, \$2.50 per 100; \$20.00 per 1000. Cash.

H. N. EATON, So. Sudbury, Mass.**FERNS for FERNERIES**

All the popular sorts. Fine bushy plants, 3-inch pots, \$6.00 per 100.

Chas. A. Knapp,
CHESTNUT HILL, PA.**Geo. Wittbold Co.,**

1657 Buckingham Pl., CHICAGO, ILL.

Send for Price List on

Palms and Ferns**JOSEPH HEAGOCK,**

WYNCOTE, PA.

—GROWER OF—

Kentia Belmoreana
and **Kentia Forsteriana****ASPARAGUS Sprengeri,**

Extra strong, 2¼-inch pots, @ \$2.00 per 100.

50,000 Cannas

in 20 best varieties. Get my prices before ordering elsewhere.

W. W. COLES, Kokomo, Ind.**Nephrolepis Scottii.**

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston Fern in a given time. Prices, 6-inch pot-grown, ready for 8-inch, \$15.00 per doz.; 7-inch, pot-grown, \$24.00 per doz.; 8-inch, pot-grown, \$36.00 per doz.

John Scott, Keap St Greenhouses,
BROOKLYN, N. Y.**Adiantum Hybridum**\$5.00 per 100. Strong 2¼-inch pots.
The best of Maidenhair Ferns. Over
100 testimonials from leading growers.**A. LEY & BRO., N. Langdon, D. C.****BOSTON FERNs.**4-in., \$15.00; 5-in., \$15.00; 6-in., \$40.00 per 100.
7-in., 60c; 8 in., 75c each. Strong rooted runners of SCOTTII, \$5.00 per 100. Of PIERSONI and BOSTON, \$2.00 per 100.**DAVIS BROS.,** MORRISON, ILL., and
GENEVA, ILL.**Asparagus Plumosus,**

50 CENTS PER STRING.

Carnation Blooms and Rooted Cuttings.
Good stock.**W. H. WATSON, Lapeer, Mich.****Asp. Plumosus Nanus**

Extra heavy, 2-in., 2c; \$18.00 per 1000; 3-in. 4c.

ASP. SPRENGERI, 2-inch. 2c.**PANIES, Giant sorts, \$2.50 per 1000.****PARIS DAISY, Giant 2-inch, 2½c.****ABUTILONS, 4 varieties, 2½-inch, 3c.**Rooted Cuttings, prepaid: **Heliotropes, \$1 per 100.****Ageratum, Gurney, Pauline, 50c per 100. Salvia,****Spideus, Bonfire, 90c per 100. Fuchsia, 5 best****varieties, \$1.25 per 100. Hardy Pinks, 7 varie-****ties, some everblooming, 75c per 100; \$7.00 per 1000.****Obi. Petunias, 10 best, \$1.00 per 100.****Rex Begonias, 15 sorts, \$1.10 per 100. Flower-****ing Begonias, 6 sorts, \$1.10 per 100. Alternan-****thera, 2 reds, yellow, \$5.00 per 1000. Vince****Variegata, 90c per 100.**

—CASH—

BYER BROS, Chambersburg, Pa.**BOSTON FERNs.**Extra fine stock, cut from bench now ready for 5, 6, 7 and 8-inch pots, at \$25.00, \$50.00, \$75.00 and \$100.00 per 100. **KENTIAS, RUBBERS, ASPARAGUS PLUMOSUS NANUS.** Cash or reference please.**L. H. FOSTER, 45 King St., DORCHESTER, MASS.****RUDBECKIA.**

Per 100

Extra choice, large clumps..... \$5.00

Asp. Sprengeri, extra quality, 2¼-in. pots... 2.00**Asp. Plumosus, extra quality, 2¼-in. pots... 2.50****Asp. Plumosus, extra quality, 3-in. pots.... 4.00****JOHN BROD, Niles Center, Ill.****National Florists' Board of Trade,**

Office: 56 Pine Street, New York.

Credit Reference Book. A subscription to our Credit List will cost you \$10 a year, and it may save you \$100 the first month. **Special Reports.** We make a specialty of this part of our work. **Collections.** We collect slow and doubtful accounts. Why not go through your books at once and send us all the claims that are in arrears?**\$2.00****POSTPAID TO**
Any ADDRESS**SAVES MANY TIMES
ITS PRICE****THE AMERICAN FLORIST COMPANY'S DIRECTORY**
saves many times its price to every one who catalogues or circularizes the trade. Fully revised to date of publication, it puts the mail only to live names, avoiding waste of postage and printed matter, time and labor.

Contains 412 pages, lists of Florists, Seedsmen and Nurserymen of the United States and Canada by states and towns, also alphabetically; firms that issue catalogues, foreign merchants, horticultural societies and much other up-to-date information which makes it a reference book of daily utility wherever a wholesale trade is done.

Published annually by the

American Florist Co.
324 Dearborn St. CHICAGO.

The Allied Trades

Descriptive particulars—with drawings or photographs, if possible—of any new apparatus or device which may prove helpful to the trade are solicited for this department.

Greenhouse Building Materials Advanced.

A prominent Chicago firm handling greenhouse building materials states: "We have every reason to believe that the prices of greenhouse building material for the coming year, both woodwork and iron, will be higher than they have been during the past year. We have been advised that there is an anticipated advance in the price of lumber, and iron has already been advanced. If there is only a normal demand the prices will be stiff and in excess of those asked during the past year."

A well informed New York correspondent writes: "I may state that the cost of greenhouse construction material, including steel and lumber and heating pipes, has recently advanced about ten per cent, with a prospect that glass will follow suit, and the condition of the market indicates that prices will not go lower for the next six months, but will rather advance as the season of 1905 progresses."

New Boiler-Scale Destroyer.

The attention of interested persons is being directed to a new patent water softener, exploited by the Hull Boiler-Fluid Company, of Cumberland street, Hull, Eng. It is described as a fluid boiler composition which will "soften" any kind of hard water and greatly prolong the life of steam boilers. It prevents scaling, and in the case of boilers that have already become foul it will gradually disintegrate and remove old scale and prevent priming. Samples of old scale are exhibited which the fluid is credited with having broken up. In some cases, it is said, the scale was a hard, cement-like formation nearly an inch thick. After a use of the scale destroyer for about three months it is claimed the deposit in the boilers was in the form of a fine, smooth powder or dust, which could be washed away by a hose pipe and water, instead of an incrustation that had to be laboriously chipped off with hammer and chisel.

The composition is described as of a purely vegetable nature, no chemicals being used in any way in its manufacture, and there is said to be nothing in it to injure the plates or fittings of the boilers, whether of iron, copper, brass or other metal. In order to thoroughly test its behavior in this respect, a large steam boiler was filled with the crude undiluted fluid and run at sixty pounds pressure for three weeks. It was then examined by a boiler inspector and an insurance company's man and reported to be in perfect condition. It is also claimed that where this softener is employed the steam may be used for the most delicate operations of any manufactory without the slightest ill effect, and that a large number of representative firms have tried it under actual working conditions, and have written, speaking very highly of its effect. It is now under trial at sea for use in marine boilers with salt water.

KANSAS CITY, MO.—A. F. Barbe was married January 4.

Standard Flower Pots

The WHILLDIN POTTERY COMPANY,
PHILADELPHIA PA. JERSEY CITY, N. J. LONG ISLAND CITY, N. Y.
Traveling Representative, U. CUTLER RYERSON, 108 Third Ave., Newark, N. J.

THE KELLER POTTERY COMPANY,

Manufacturers of FLORISTS' RED STANDARD POTS.

Azalea Pots, Bulb and Fern Pans, Etc.

Write for Price List. 213-15-17-19-21-23 Pearl St., NORRISTOWN, PA.



RED POTS

SAMPLE POT AND PRICE LIST
ON APPLICATION.

C. C. POLLWORTH CO., MILWAUKEE, WIS.

Standard Flower... POTS

If your greenhouses are within 500 miles of the Capitol, write us, we can save you money.....

W. H. ERNEST,

28th and M Streets. WASHINGTON, D. C.
Please mention the American Florist when writing.

**BEST
AND
Cheapest**
ALL-ROUND
INSECTICIDE
on the Market.

ROSE LEAF
EXTRACT
OF
TOBACCO
INSECTICIDE

For Sale by
Seedsmen.
For Free
Pamphlet
Write to
The Kentucky
Tobacco
Product Co.,
Lexington, Ky.

"NICOTICIDE"

THE BUG KILLER

TOBACCO WAREHOUSING & TRADING CO.
LOUISVILLE, KENTUCKY.

SIGMUND GELLER,
FLORISTS' SUPPLIES and RIBBONS.
108 West 28th Street, New York.
NOVELTIES always on hand.

SPHAGNUM MOSS Clean and fresh shipment, direct from the swamp. 5 barrel bales, \$1.25; 3 bales, \$3.25; 6 bales, \$6.00.

H. R. AKERS, Chatsworth, N. J.

Kramer's Pot Hanger



Patent Applied For.

The neatest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They fit all standard made pots from 2 to 10 inches in diameter. The illustration shows how they are attached. Just the thing for hanging up ferns, begonias, etc. You can make room and money by their use. Try them.

FOR SALE BY WHOLESALE SEEDSMEN, FLORISTS AND SUPPLY DEALERS.

Price with wire chain as shown in cut, \$1.00 per dozen by express. Sample dozen by mail, \$1.25.

I. N. Kramer & Son, Cedar Rapids, Iowa.
Please mention the American Florist when writing.

STANDARD FLOWER POTS!

Packed in small crates, easy to handle.

| Price per crate | Price per crate |
|------------------------------|-----------------------------|
| 1500 2-in., in crate, \$4.88 | 120 7-in., in crate, \$4.20 |
| 1500 2 1/4 " " 5.25 | 60 8 " " 3.00 |
| 1500 2 1/2 " " 6.00 | 48 9-in., in crate, \$3.60 |
| 1000 3 " " 5.00 | 48 10 " " 4.80 |
| 800 3 1/4 " " 5.80 | 24 11 " " 8.60 |
| 500 4 " " 4.50 | 24 12 " " 4.80 |
| 320 5 " " 4.51 | 12 14 " " 4.80 |
| 144 6 " " 3.16 | 6 16 " " 4.50 |

Seed pans, same price as pots. Send for price list of Cylinders for Cut Flowers, Hanging Baskets, Lawn Vases, etc. Ten per cent off for cash with order. Address

HILFINGER BROS. POTTERY, Fort Edward, N. Y.
Or AUGUST ROLKER & SONS, New York Agents,
31 Barclay Street, New York City.



GEO. KELLER & SON,
MANUFACTURERS OF
FLOWER POTS.
Before buying write for prices.
361-363 Herndon Street,
near Wrightwood Ave.,
CHICAGO, ILL.

THOSE RED POTS

"STANDARDS"

FULL SIZE AND WIDE BOTTOMS.
BULB PANS AND AZALEA POTS.

DETROIT FLOWER POT M'FY.,

HARRY BALSLEY,
Rep.

DETROIT, MICH.,
490 Howard St.,

Please mention the American Florist when writing.

—WRITE—

A. F. Kohr

1521-23 N. Leavitt St., CHICAGO, ILL.,

FOR PRICES OF

Standard Pots which for strength and porosity combined are the best on the market.

Please mention the American Florist when writing.

"There is only One."

The Fumigating Kind Tobacco Powder

WHAT A FEW SAY, ALL THAT USE IT SAY.

Waynesboro, Pa.
We have not only found The Fumigating Kind Tobacco Powder the most valuable greenfly destroyer, but we also use it to kill snails by sprinkling it on the ground. Sure death, they look in the morning like small oysters rolled in cracker dust.
H. EICHHOLZ.

West Whiteland, P. O.
We have tried many fumigants but have found nothing in the market so effectual and easily used as The Fumigating Kind Tobacco Powder. Your prices are reasonable for so good an article
J. LEHMAN MAULL, pres.

Mt. Sterling, Ky.
I received the sample of your Fumigating Kind Tobacco Powder but as I did not use but one half the amount as directed I did not obtain the best results but am satisfied that if used according to direction it will kill everything it is intended for, as at least 90% of Thrip and Aphis were destroyed this morning. Send me 200 lbs. as quick as you can.
EMIL FREDERICH.

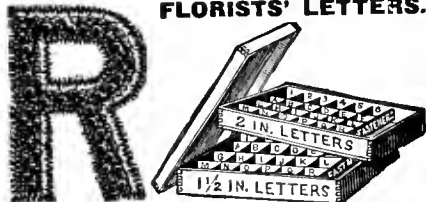
Purcellville, Va.
We have given The Fumigating Kind Tobacco Powder a thorough trial on Carnations, and we are well pleased with the result. We are able to keep the plants entirely clean.
A. B. DAVIS & SON.

A FREE trial five pound bag will cost you nothing more than the express charges on it, the trial bag will prove our assertion that it is the most effective, cleanest and quickest as well as the cheapest (10 cents per 100-foot house) article to fumigate with. All aphids killed in one night—our booklet tells of it, we mail one on request.

THE H. A. STOOHOFF COMPANY, Tobacco Powder Hobbyists, 116, 117, 118 West St., New York.

Boston Florist Letter Co.

MANUFACTURERS OF
FLORISTS' LETTERS.



This wooden box nicely stained and varnished, 18x30x12 made in two sections, one for each size letter, given away with first order of 500 letters.

Block Letters, 1 1/2 or 2-inch size, per 100, \$2.00.
Script Letters, \$4. Fastener with each letter or word.

Used by leading florists everywhere and for sale by all wholesale florists and supply dealers.

N. F. MCCARTHY, Treas. and Manager,
84 Hawley St., BOSTON, MASS.

CUT FLOWER BOXES

WATERPROOF
Corner Lock
Style.
The best, strongest and neatest folding out flower box ever made. Cheap, durable. To try them once is to use them always. Per 100 Per 1000

| Size No. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|----------|---------|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------------|
| | 3x 4x20 | 3x 4 1/2x16 | 3x 6x18 | 4x 8x18 | 4x 5x24 | 4x 8x22 | 4x 8x28 | 6x16x20 | 6x 7x27 | 5x10x35 | 7x20x30 | 3 1/4x5x30 |
| | | 1.90 | 2.00 | 2.50 | 2.75 | 3.00 | 3.75 | 5.50 | 3.00 | 6.50 | 9.50 | 3.00 |
| | | 17.50 | 19.00 | 23.00 | 26.00 | 28.50 | 36.00 | 54.00 | 28.50 | 62.00 | 67.50 | 28.50 |

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

THE LIVINGSTON SEED COMPANY,
BOX 104, COLUMBUS, OHIO.

H. Bayersdorfer & Co.

50 to 56 North Fourth St.,

PHILADELPHIA.

REED & KELLER,

122 West 25th St., NEW YORK.

Importers and Manufacturers of

FLORISTS' SUPPLIES

Galax Leaves and all Decorative Greens.

New York Agents for Caldwell's Monroe, Ala.,
"Parlor Brand" Smilax.

ROSSIG BROTHERS,

—MANUFACTURERS OF—

Artificial Leaves.

ALL STYLES IN HUNDREDS OF DIFFERENT DESIGNS. PAPER AND MUSLIN. SMILAX, YARDS and PIQUETS. Samples Furnished to the Jobbing Trade Only.

497 West Broadway.

NEW YORK.

M. RICE & CO.,

Importers and Manufacturers,

Leading Florists'
Supply House and
Ribbon Specialists.

918 Filbert Street,
Philadelphia, Pa.

Tobacco Dust

FOR FUMIGATING.

It would pay large users of dust to communicate with us and get samples and prices.

Edwin L. Koppelman & Co., 81 PINE STREET, NEW YORK.

A. HERMANN,

Cape Flowers, all colors,
Cycas Leaves, Metal Designs,
and All Florists' Supplies.

SEND FOR PRICES.

404-412 East 34th Street, NEW YORK.

KORAL LETTERS

For Sale by all Wholesale Houses.

Koral Mfg. Co.,

12 Hawley Place, Boston, Mass.

Wired Toothpicks

10,000, \$1.50; 50,000, \$6.25. Manufactured by
W. J. COWEE, BERLIN, N. Y.
Sample Free. For sale by dealers.

L. BAUMANN & CO.,

Importers and Manufacturers of
Florist Supplies

76-78 Wabash Ave., CHICAGO.

Write for our New Catalogue F. Our prices may interest you.

BEST ENGRAVINGS and ILLUSTRATIONS

—Of Every Description—

FOR CATALOGUES.

SEE OUR WORK IN THIS PAPER.

SEND FOR ESTIMATES.

GLOBE ENGRAVING and ELECTROTYPE CO.

407-427 Dearborn St., CHICAGO.

HEATING SUPPLIES

Overhauled Boilers.

The following horizontal tubular boilers will be shipped complete with all fittings and trimmings, and are first-class for heating purposes.

| | |
|--------------------------------------------------------------|----------|
| 3-30x8, each..... | \$ 70.00 |
| 3-36x10, each..... | 90.00 |
| 4-36x12, each..... | 100.00 |
| 2-42x12, each..... | 125.00 |
| 2-42x14, each..... | 145.00 |
| 1-42x10 Fire-box Heating Boiler.... | 150.00 |
| 1-42x12 Fire-box Heating Boiler.... | 165.00 |
| 1-42x14 Fire-box Heating Boiler.... | 175.00 |
| 1-48x12 Fire-box Heating Boiler.... | 185.00 |
| 1-Cast-Iron "Florida" Heating Boiler, capacity 1000 feet. | |

Also high pressure boilers of every kind, and a large lot of cylinder boilers of all sizes.

Boiler Tubes.

Large quantity of boiler tubes, ranging in sizes from 2 to 6-inch. Ask for price.

Wrought Iron Pipe.

All sizes from 3/4 to 14-inch, overhauled and complete with threads and couplings.

Greenhouse fittings and supplies of every sort.

WE ISSUE A SPECIAL CATALOGUE. ASK FOR CATALOGUE NO. 27.

Chicago House Wrecking Co.

W. 35th & Iron Sts., CHICAGO, ILL.

CYPRESS
IS FAR MORE DURABLE THAN PINE.
CYPRESS
SASH BARS
UP TO 32 FEET OR LONGER.
GREENHOUSE
AND OTHER BUILDING MATERIAL,
MEN FURNISHED TO SUPERINTEND
ERECTION WHEN DESIRED.
Send for our Circulars.
The A.T. Stearns Lumber Co.,
NEPONSET, BOSTON, MASS.



**EVANS' IMPROVED
CHALLENGE
VENTILATING
APPARATUS**

WRITE FOR ILLUSTRATED CATALOGUE
QUAKER CITY MACHINE WORKS,
RICHMOND, IND.

JOHNSON'S HANDY MANUAL.

The latest and best book now on the market for those interested in greenhouse heating and ventilating. This book has just been revised and now contains over 125 pages of valuable information, fully illustrated with cuts and working plans. If you intend to overhaul your heating apparatus, Johnson's Manual will tell you how to do it with the best results. If your boiler consumes too much fuel, Johnson's Manual treats on how to make your plant economical in that respect.

Mr. J. W. Johnson, the Author, is a practical steam and hot-water heating engineer of 25 years' experience. The "Manual" mailed postpaid to all points in U. S. and Canada upon receipt of \$1.00.

AMERICAN FLORIST COMPANY, Chicago.

A Very Valuable Paper.

AMERICAN FLORIST CO.—Enclosed find \$1 to renew my subscription for the AMERICAN FLORIST, as I consider it a very valuable paper. C. B. THOMAS.

The James H. Rice Co.

IMPORTERS and JOBBERS

GREENHOUSE GLASS

A SPECIALTY.

Window Glass, Paint, Putty, etc.

80-82 Wabash Avenue and 34 to 40 South Water Street, CHICAGO.

GULF CYPRESS GREENHOUSE MATERIAL

HOT-BED SASH, BOILERS, PIPES, FITTINGS,
VENTILATING APPARATUS.

GLASS AT WHOLESALE.

We furnish everything for building. Send for prices and catalogues.

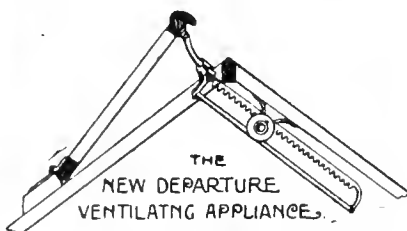
S. Jacobs & Sons, 1365-1373 Flushing Ave.,
BROOKLYN, N. Y.

D. O. Cunningham Glass Co.

PITTSBURG, PA.

TANK WINDOW GLASS.

Hot-House Glass a Specialty.



CHEAPEST AND BEST.

If you doubt it try them and be convinced.
Send for descriptive price circular.

J. D. Carmody, Evansville, Ind.

Please mention the American Florist when writing.

H. M. HOOKER CO.

Window Glass, Paints and Putty.
Greenhouse Glass a Specialty.

59 W. Randolph St., CHICAGO.

STENZEL GLASS CO., GREENHOUSE GLASS.

French and American "WHITE ROSE"
Brand.

2 Hudson St.,
NEW YORK.

101 Portland St.,
BOSTON.

GLASS.

GOOD BRANDS.
QUICK SHIPMENTS.
LARGE STOCK.

Warehouse on railroad switch. Be sure
and get our prices.

Sharp, Partridge & Co.

22nd St. and Union Place, CHICAGO.

ADAM SCHILLO LUMBER CO.

—DEALER IN ALL KINDS OF—

Hemlock and Pine Lumber

and "PECKY CYPRESS" our new introduction
to the trade

For Greenhouses.

ALSO CEDAR POSTS OF ALL LENGTHS and DIMENSIONS

Having had an extensive experience in the line of Lumber and Posts needed for Greenhouse work, I am prepared to meet all inquiries. Send for prices.

Cor. Weed & Hawthorne Ave., CHICAGO, ILL.

Tel. North 1626 and 1627.

References given from the leading Florist
of Cook County.

The Standard VENTILATING MACHINERY



The original machine with self-oiling cups. The most powerful, least complicated, very compact with ease of operation.

The New Duplex Gutter

Over six miles in use and highly recommended by all. The only Drip Proof gutter on the market.

The Standard Return Steam Trap

It has no equals for simplicity or its working. Catalogue free.

E. HIPPARD, Youngtown, Ohio,

Sprague Smith Co.

PLATE AND WINDOW GLASS

Greenhouse Glass a Specialty.

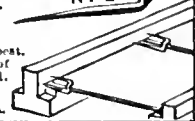
208 Randolph Street, CHICAGO.

Holds Glass
Firmly
See the Point
PEERLESS

FULL SIZE
Nº 2

Glazing Points are the best.
No rights or lefts. Box of
1,000 points 75 cts. postpaid.

HENRY A. DREER,
714 Chestnut St., Phila., Pa.



Sun Cured CYPRESS Greenhouse Material

—ALSO—
HOT-BED SASH.

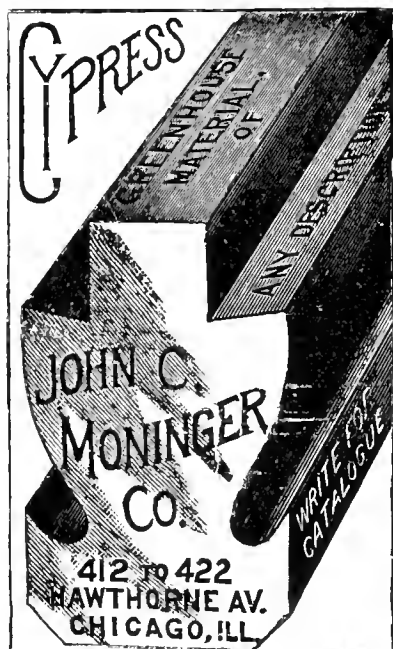
Tennessee Red Cedar Posts.
Pecky Cypress bench lumber.

FOLEY Ventilating Apparatus.
Galvanized vent sash hinges,
screw eyes, screwhooks, U
bolts, Galvanized turn-
buckles and wire.

FITTINGS for Purlin and
Ridge Supports.
Free Illustrated Catalogue.

Foley Mfg. Co.
471 W. 22nd St.,
CHICAGO.

Please mention the American Florist when writing.



ALWAYS mention the AMERICAN FLORIST
when writing to advertisers.



GREENHOUSE MATERIAL.

Wash. Red Cedar and La. Cypress.
HOTBED SASH. GREENHOUSE HARDWARE.
BEST GRADES. PERFECT WORKMANSHIP.
Write for Catalogue and estimates.

A. Dietsch Co.



615-621 Sheffield Ave.
Chicago, Ill.

Use our Patent
**IRON BENCH
FITTINGS** and
Roof Supports.



Improved Vaporizing Pans **VENTILATING APPARATUS.**
For Tobacco Extracts, Etc. Send for Circulars.
DILLER, CASKEY & CO., SUCCESSORS TO **JENNINGS BROTHERS,**
S. W. Cor. Sixth and Berk Sts., **PHILADELPHIA.**



A sample of our Gutter is on Exhibition at the Chicago Flower Growers' Market.

Hot-Bed SASH

FOR IMMEDIATE SHIPMENT.

THREE SIZES.

3 ft. x 6 ft. 3 rows, 10-inch glass
3 ft. 3-in. x 6 ft. 4 rows, 8-inch glass
4 ft. x 6 ft. 5 rows, 8-inch glass
1 7-16 inches thick.

OF STRICTLY CLEAR GULF CYPRESS

These sash are strongly braced,
very stiff, light, and durable.

Prices Reasonable.

**CLEAR HEART CYPRESS
GREENHOUSE MATERIAL.**

PLANS AND ESTIMATES FURNISHED.

**Lockland
Lumber Co.,**
LOCKLAND, O.

It is good business policy to mention

The....
AMERICAN FLORIST

When you write to an advertiser.

PUMPS Rider-Ericson. Second-hand. From
\$1.00 up; all repairs, other makes;
new; cheap.

BOILERS Second-hand Greenhouse Boilers,
guaranteed. Send for prices; state
size wanted.

PIPE New 2 in. full lengths, with coupling, 8 $\frac{3}{4}$ c
a foot. Good serviceable second-hand, 2
in., 6 $\frac{1}{4}$ c; 1 $\frac{1}{4}$ -in., 5 $\frac{1}{2}$ c; 1 $\frac{1}{2}$ -in., 3 $\frac{1}{4}$ c; 1-in., 3c;
 $\frac{3}{4}$ -in., 2 $\frac{1}{4}$ c. New and old fittings and valves.

GARDEN HOSE New, $\frac{3}{4}$ -in., guaranteed 100-lbs.
pressure, 7 $\frac{1}{2}$ c per ft.; $\frac{1}{2}$ -in. not
guaranteed, 4 $\frac{3}{4}$ c per ft.

HOT-BED SASH New. Cypress, 3x6-ft., from
70c up; glazed, complete, from
\$1.60 up.

Get our prices on New Cypress Building Material
Ventilating Apparatus, Oil, White Lead, Putty,
Paint, Points, Etc.

OLD GREENHOUSES BOUGHT.

SEND FOR PRICES ON STEAM FITTING TOOLS.

References: Bradstreet's, Dunn's or Broadway
Bank of Brooklyn.

Metropolitan Material Co.,

1398-1403 Metropolitan Ave., BROOKLYN, N. Y.

Please mention the American Florist when writing.

Established 1899. Tel. 174 Bergen.

Phillips Manufacturing Co.

222-226 Kearney Ave., Jersey City, N. J.

Horticultural Architects, Builders
and Heating Engineers.

Designers and Manufacturers of
every description of Glass Houses
for private or commercial uses. Most
modern and up-to-date.

If you write or telephone us, we do
the rest.

—RUSTIC WORK A SPECIALTY.—

The King Construction Co.

New Roof Construction, Automatic
Stokers, Water Tube Steam Boiler,
Automatic and Hand Ventilators.....

NORTH TONAWANDA, N. Y.

32 Church St.,

TORONTO, ONT.

Index to Advertisers.

| | | | |
|---------------------------|-----------|-----------------------------|----------|
| Advertising rates..... | 986 | Holm & Olson..... | 992 |
| Aitken Mark..... | 992 | Holton & Hunkel Co..... | 988 |
| Akers H R..... | 1006 | Hooker H M Co..... | 1008 |
| Albany Steam Trap Co..... | 1010 | Horan Edw C..... | 991 |
| Allen J K..... | 991 | Hort Advertiser..... | 1001 |
| Amerlao Blower Co..... | 1 V | Hunt E H..... | 989 |
| Amling E C..... | 989 | Indianapolis Floral Co..... | 992 |
| Aachmann Godfrey..... | 1003 | Iowa Seed Co..... | 1003 |
| Backer & Co..... | 999 | Jacobs S & Sons..... | 1004 |
| Bassett & Washburn..... | 989 | Jennings E B..... | 1003 |
| Baumann L & Co..... | 1007 | Jones W H..... | 1001 |
| Baur Floral Co..... | 1002 | Kasting W F..... | I |
| B. K. & B. Floral Co..... | 000 | Keller Geo & Son..... | 1006 |
| Bayersdorfer H & Co..... | 1007 | Keller Pot Co..... | 1006 |
| Beaven E A..... | 993 | Kennicott Bros. Co..... | 993 |
| Beckert W C..... | 11 | Kentucky Tobacco | |
| Benson C W..... | 1003 | Product Co..... | 1003 |
| Bentley Coatsworth..... | 989 | Kervan Co The..... | 990 |
| Berger Bros..... | 990 | King Construction | |
| Berning H G..... | 988 | Co..... | 1009 |
| Bertermann Bros..... | 992 | Knapp Chas A..... | 1005 |
| Boddington A T..... | 997 | Kohr A F..... | 1006 |
| Hoston Letter Co..... | 1007 | Kohr Frank L..... | 1002 |
| Brant D Wood..... | 989 | Koppelman E L & Co..... | 1007 |
| Breitmeier's J Sons..... | 992 | Koral Mfg Co..... | 1007 |
| Brod John..... | 1005 | Kramer I N & Son..... | 1006 |
| Bruns H N..... | 11 | Kroeschell Bros Co..... | 1010 |
| Buckley W T Co..... | 1003 | Kuhn C A..... | 988 |
| Budlong J A..... | 989 | Kuhl G A..... | 1002 |
| Burpee W A & Co..... | 11 | Lager & Hurrell..... | 1003 |
| Byer Bros..... | 1005 | Laog Julius..... | 991 |
| Byer Floral Co..... | 1003 | Langjahr A H..... | 991 |
| Caldwell the Woods- | | Larchmont Nurs..... | 1000 |
| man Co..... | 990 | Lecakes N & Co..... | 990 |
| Carmody J D..... | 1008 | Leikens..... | 992 |
| Chadwick Chas..... | 992 | Ley A & Bro..... | 1005 |
| Chicago Carnation | | Livingston Seed Co..... | 1007 |
| Co..... | 1002 1004 | Lockland Lumb'r Co..... | 1009 |
| Chicago House | | Loomis Carnation Co..... | 999 |
| Wrecking Co..... | 1008 | Loomis Floral Co..... | 1000 |
| Cleveland Cut FloCo..... | 990 | Lord & Burnham Co | |
| Crockett Jas D..... | 999 | ..... | 111 IV |
| Coles W W..... | 1005 | Loven J G..... | 998 |
| Collins Thos..... | 990 | Mader Paul..... | 1003 |
| Conard & Jones Co..... | 997 | May John N..... | I |
| Cotsonas Geo & Co..... | 990 | McCullough's J M | |
| Cottage Gardens Co..... | 999 | Sons Co..... | 988 |
| Cowee W J..... | 10 7 | McKellar Chas W..... | 993 |
| Craig Robt & Son..... | 1003 | Mette Henry..... | 11 |
| Craig Wm P..... | 1000 | Metropolitan Mate- | |
| Cross Eli..... | 1003 | rial Co..... | 1009 |
| Crowl Fern Co..... | 990 | Mich Cut Flower Ex..... | 993 |
| Cunningham D O | | Milling Chas..... | 991 |
| Glass Co..... | 1009 | Mills The Florist..... | 992 |
| Cunningham Jos H..... | 1001 | Moller Ludwig..... | 11 |
| Davis A B & Son..... | 1002 | Moninger J C Co..... | 1009 |
| Davis Bros..... | 1005 | Moon The Wm H Co..... | 997 |
| Desmud J B..... | 989 | Moore Hentz & Nash..... | 991 |
| Desert A..... | 997 | Mosbaek L..... | 1003 |
| Detroit Flower Pot | | Munson Greenh's..... | 997 |
| Mfg..... | 1006 | Murchie John..... | 999 |
| Dietsch A Co..... | 1009 | Murdoch J B & Co..... | 988 |
| Diller Caskey & Co..... | 1009 | Natl Flo Bd of Trade..... | 1005 |
| Dillon J L..... | 1000 1003 | N Y Cut Flower Co..... | 991 |
| Dillon's Mfg Co..... | 1010 | N Y Cut Flower Ex..... | 990 |
| Dorner F & Sons Co..... | | Nielsen Leo Co..... | 990 |
| ..... | 1001 | Palmer W J & Son..... | 992 1001 |
| Dreer H A..... | 994 1008 | Park Floral Co..... | 992 |
| Dreyer R..... | 1005 | Pearcock L K..... | 1003 |
| Eaton H N..... | 1005 | Peterson Nursery..... | 997 |
| Elliot Wm H..... | 990 | Phila Cut Flower Co..... | 993 |
| Elliot Wm & Sons..... | 11 | Phila Wholesale | |
| Ellwanger & Barry..... | 997 | Flower Market..... | 990 |
| Emmama Geo M..... | 1001 | Philippi Nurseries..... | 1001 |
| Ernest W H..... | 1006 | Phillips Mfg Co..... | 1009 |
| Fenrich J S..... | 991 | Pierson F R & Co..... | 999 |
| Fisher Peter..... | I | Pierson-Sifton Co..... | 1 V |
| Flower Growers Co..... | 989 | Pittsburg Cut FloCo..... | 988 |
| Foley Mfg Co..... | 1009 | Pittsburg Florist Ex..... | 988 |
| For sale and rent..... | 987 | Poehlmann Bros Co..... | 989 |
| Ford Bros..... | 991 | Pollworth C C Co..... | 992 1006 |
| Foster Lucius H..... | 1005 | Pritchard J N..... | 998 |
| Freeman Jos R..... | 992 | Quaker City Mach | |
| Gardners Chronicle..... | 104 | Wks..... | 1008 |
| Garland Geo M..... | 1009 | Randsall A L Co..... | 993 |
| Geller Sigmund..... | 1006 | Rawson W W & Co..... | 11 |
| Ghormley Wm..... | 991 | Raynor J I..... | 991 |
| Giblin & Co..... | 1 V | Reed & Keller..... | 1007 |
| Globe Eng Co..... | 1007 | Regan Print House..... | 1010 |
| Grand Rapids Florist | | Reinberg Geo..... | 989 1002 |
| Association..... | 993 | Reinberg Peter..... | 993 1001 |
| Grimes D S & Son..... | 996 | Rice Bros..... | 988 |
| Gude A & Bro..... | 992 | Rice James H Co..... | 1008 |
| Gunther Wm H..... | 991 | Rice M & Co..... | 1007 |
| Gurney Heater Co..... | 1010 | Riverside Nurseries..... | 997 |
| Gutman Alex J..... | 991 | Robinson H M & Co..... | 990 |
| Hall & Jones Co..... | 992 | Roehrs Julius..... | 1003 |
| Hansen Julius..... | 11 | Rolker A & Sons..... | 997 |
| Haverland B H..... | 11 | Rossig Bros..... | 1007 |
| Hart Jas..... | 990 | Rossiter H..... | 1001 |
| Hauswirth P J..... | 992 | Salter W H..... | 1002 |
| Heacock Jos..... | 1005 | Sander & Sons..... | 994 |
| Heller & Co..... | 11 | Schillo Adm..... | 1008 |
| Heller Bros..... | 988 | Scott Joho..... | 1005 |
| Heredend Mfg Co..... | 1 V | Sharp Partridge & Co..... | 1008 |
| Hermitege Carnat Co..... | 999 | Sherman Nursery Co..... | 1004 |
| Herr Albert M..... | 1000 1001 | Sheridan W F..... | 991 |
| Herrmann A..... | 1007 | Slevers & Boland..... | 992 |
| Hess & Swoboda..... | 992 | Sloner Bros..... | 989 |
| Hews A H & Co..... | 1006 | Skidelsky S S..... | 999 |
| Hillfogger Bros..... | 1006 | Smith Nath & Son..... | 1003 |
| Hill The E G Co..... | I | Smith W & T Co..... | I |
| Hinode Florist Co..... | 1003 | Smits Jac..... | 997 |
| Hippard E..... | 1008 | Sprague Smith Co..... | 1008 |
| Hitchings & Co..... | 1 V | Standard Pump & | |
| Hollis Plant & Seed | | Engine Co..... | 1 V |
| Co..... | 11 | Stearns Lumber Co..... | 1008 |

| | | | |
|--------------------------|---------------------|------------------------|----------|
| Stenzel Glass Co..... | 1008 | Ward Ralph M & Co..... | 11 |
| Stoothoff H A & Co..... | 1007 | Watson W H..... | 1005 |
| Storrs & Harrison..... | 1003 | Weber F C..... | 992 |
| Styer J J..... | 11 | Weber H & Sons..... | 999 |
| Sunset Hort Design | | Weeber & Don..... | 11 |
| & Bog Co..... | 10 0 | Weiland Peter..... | 988 |
| Swayne Wm..... | 1000 | Weiland & Risch..... | 989 |
| Thompson J D Car- | | Weich Bros..... | 990 |
| nation Co..... | J | Western Seed Co..... | 994 |
| Thorburn J M & Co..... | 11 | Whilldin Pot Co..... | 1006 |
| Tobacco Warehouse & | | Wietor Bros..... | 988 |
| Trading Co..... | 10 6 | Winterson E F Co..... | 989 998 |
| Toole Wm..... | 11 | Witthold Geo Co..... | 992 1005 |
| Traendley & Schenck..... | 991 | Wolf Joe..... | 9 42 |
| Van Kleeff W & Sons..... | 997 | Wood Bros..... | 1003 |
| Vaughan's Seed Store | | Young A L & Co..... | 991 |
| ..... | 11 994 995 997 1001 | Young John..... | 991 |
| Vaughan & Sperry..... | 993 | Young Thos Jr..... | 991 992 |
| Vick's Sons Jas..... | 997 | Young & Nugent..... | 991 |
| Walker F & Co..... | 1004 | | |
| Warburton C..... | 1001 | | |

CUTS for your Catalogue

Of all kinds in the Horticultural line,
suitable for any purpose.
Send for sample sheets and estimates.

Sunset Horticultural Designing and
Engraving Co.

627 W. 6th St., LOS ANGELES, CAL.

THE Regan Printing House

—Large runs of—

CATALOGUES

Our Specialty. Write for Figures.

83-91 Plymouth Place, CHICAGO.

Eureka Greenhouses....

THE BEST AND LOWEST IN PRICE. All houses erected at the factory and
shipped to purchasers with blue prints,
photographs and plain directions so that any person can put them up.

DILLON GREENHOUSE MFG. CO., Bloomsburg, Pa.

Steam Traps SAVE COAL



This is the Return Steam Trap used by the
Up-to-date Greenhouse men to return the condensed
water from the heating coils in their
greenhouses. Have been in use for
this purpose over 30 years.

Insures an Even Temperature.

Send For Red Catalogue.

Albany Steam Trap Co.

ALBANY, N. Y., U. S. A.

CROP INSURANCE.

Life insurance is valuable because it guarantees the outcome.

"Gurney" Heaters

"BRIGHT IDEA," "DORIC" and "400 SERIES" do the
same thing for your hothouse: THEY GUARANTEE THE
CROP. First of all they save 20 per cent on the coal bill and
so keep expense at a minimum. Next, they produce an even
heat and so do not imperil the life of the plant. Next, they
are simple to operate and so require least attention. Lastly,
they wear longer than others and thus perceptibly reduce the
capital invested. Don't buy or exchange until you've investi-
gated them.

GURNEY HEATER MFG. CO.

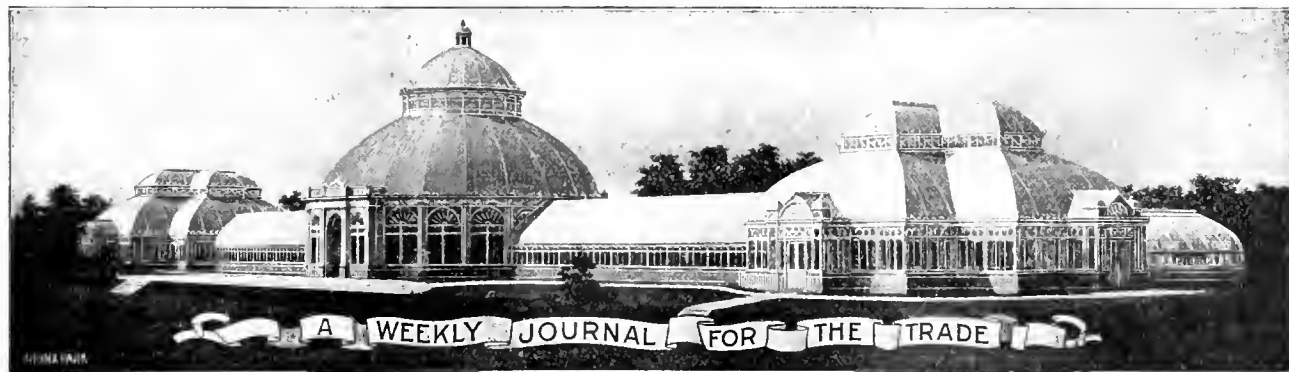
74 Franklin Street,
BOSTON, MASS.

111 Fifth Avenue,
NEW YORK CITY.



"DORIC" HEATER.

THE AMERICAN FLORIST



America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."

Vol. XXIII.

CHICAGO AND NEW YORK, JANUARY 14, 1905.

No. 867

THE AMERICAN FLORIST

TWENTIETH YEAR.

Copyright 1905, by American Florist Company.
Entered as Second-Class Mail Matter.

PUBLISHED EVERY SATURDAY BY
AMERICAN FLORIST COMPANY,
324 Dearborn St., Chicago.

Eastern Office: 429 Sixth Ave., New York.
Subscription, \$1.00 a year. To Europe, \$2.00.
Subscriptions accepted only from the trade.
Volumes half-yearly from August, 1901.

SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—J. C. VAUGHAN, Chicago, president;
J. R. FREEMAN, Washington, D. C., vice-presi-
dent; Wm. J. STEWART, 11 Hamilton Place, Room
11, Boston, Mass., secretary; H. B. BEATTY, Oil
City, Pa., treasurer. Twenty-first annual meeting
at Washington, D. C., August, 1905.

THE AMERICAN CARNATION SOCIETY.
Annual convention at Chicago, January 25-26,
1905. ALBERT M. HERR, Lancaster, Pa., secretary.

AMERICAN ROSE SOCIETY.
Annual meeting and exhibition, Boston, Mass.,
1905. LEONARD BARRON, 136 Liberty St., New
York, secretary.

CHRYSANTHEMUM SOCIETY OF AMERICA.
Annual convention and exhibition, November,
1905. FRED. H. LEMON, Richmond, Ind., secretary.

THIS ISSUE 40 PAGES WITH COVER.

CONTENTS.

| | |
|--------------------------------------------------|------|
| The Society for Horticultural Science..... | 1011 |
| —Prof. L. H. Bailey (portrait)..... | 1012 |
| The carnation—Midwinter advice..... | 1012 |
| Fuchsias..... | 1012 |
| Ladio-cattleya × Gottoiana (illus.)..... | 1013 |
| In the plant houses..... | 1013 |
| Market gardens..... | 1014 |
| —Prizes of indoor vegetables..... | 1014 |
| To be done now..... | 1014 |
| Elæagnus aurea maculata (illus.)..... | 1015 |
| New York Florists' Club..... | 1015 |
| The retail trade..... | 1016 |
| —Notable New York decorations..... | 1016 |
| —Floral tribute to Senator Burrows (illus.)..... | 1016 |
| New York..... | 1017 |
| Chicago..... | 1017 |
| Philadelphia..... | 1018 |
| Boston..... | 1019 |
| Washington..... | 1019 |
| Baltimore..... | 1019 |
| Huffalo..... | 1019 |
| Baby Rambler roses for Easter..... | 1020 |
| Bougainvillea Sanderiana for Easter..... | 1020 |
| Greenhouse heating..... | 1020 |
| Meetings next week..... | 1020 |
| American Carnation Society..... | 1020 |
| Obituary—Amos Stuart (portrait)..... | 1020 |
| The seed trade..... | 1030 |
| —Boston..... | 1030 |
| —The late J. M. Kimberlin (portrait)..... | 1030 |
| —Warren W. Rawson (portrait)..... | 1030 |
| The nursery trade..... | 1032 |
| —Moving large trees at Newport..... | 1032 |
| Our pastimes..... | 1034 |
| St. Louis..... | 1034 |

The Society for Horticultural Science.

The Society for Horticultural Science met at Philadelphia, Pa., during the annual meeting of the American Association for the Advancement of Science, on December 27 last, and had a very successful gathering. There was a good proportion of the membership present and several important papers were presented. Abstracts of those of interest to our readers are given in this issue.

Prof. L. H. Bailey, dean of the college of agriculture at Cornell, in his presidential address discussed the problem, "What is Horticulture?" He took up the question of the growth of horticulture as a specialized subject. It had originally begun as an offshoot from botany. It was a growing interest and would in the future become more and more subdivided. Horticulture is contributing greatly to our national wealth, it supplies important foods. He felt that the work in the future would be not so much to develop something we can name as something we can measure exactly, to make better plants and to enable cultivators to improve the plants they grow. Then there was the art side of the subject covering the whole ground of rural improvement and home adornment. The day must come when each home would have its plant room, not necessarily indoors, just as it now has its library. In the teaching of horticulture in the colleges there must be greater segmentation and the subject would break up differently in different parts of the country, according to the condition of affairs. There were many commercial sides, each of which needed a specialist. Botany had declined to extend its sphere to subjects that came too near to real human affairs, and has left a large part of its domain uncultivated. Horticulture has seized this territory; it should hold it.

Jesse B. Norton, of the Department of Agriculture, told of some experiments that are being carried on there in the breeding of carnations, and exhibited a number of seedling flowers to illustrate his deductions on the application of Mendel's law to the breeding of such. He classified the seedling flowers into three groups as single, semi-double and double. What he calls semi-double are the typical florists' flowers, the doubles embracing the split calyx and monster flowers, which an investigation showed have all the stamens transformed into petals. In the semi-doubles they are not so modified, hence do not burst the calyx. In the seedlings of one capsule all these types are

represented in a seemingly regular proportion, thus the following figures were given as actual records:

| | | |
|-----------------|---|------------|
| Double 6 | } | Total 28. |
| Semi-double 15 | | |
| Single 7 | | |
| Double 74 | } | Total 273. |
| Semi-double 147 | | |
| Single 52 | | |

Other characters also coincided with these figures, as, for instance, the matter of odor. According to the law we should expect to have the progeny of a hybrid separate into the dominant and recessive types in the proportions of 1, 2, 1. This we find very nearly approximated by the figures given above. As a suggestion to the practical florist, he asks would it not be well to cross the single and the extreme double types rather than always select both parents from the standard types? As by that method there should be a greater proportion of true florists' type produced; that is if Mendel's law holds. The work has only just commenced at Washington and these suggestions were but the inferences drawn from an examination of the results so far attained.

CO-ORDINATED VARIETY TESTS.

The importance of co-ordinated variety tests, a subject that received the serious attention of the society at the St. Louis meeting was again brought up in the two papers of Prof. L. C. Corbett and Prof. W. W. Tracy, both of the Department of Agriculture. The first named described a system of variety record blanks which had been devised and had been in use for two years, and the further use of which he felt would tend to properly classify garden varieties in vegetables, and make the introduction of spurious novelties less likely to occur. The great need at present was to arrive at a definite understanding of what really constituted a horticultural variety, as the general trade descriptions in many cases dealt with generalities and in some cases could be actually reversed. The descriptions of two tomatoes, Stone and Success, were cited. It is evident that neither seed growers nor the producers of exhibition plants have any fixed notion regarding varieties. This shows the necessity of carefully executed descriptive records. It was stated that the stocks used for these co-ordinated variety tests should have a common origin and be grown under the same environment long enough to have been properly fixed.

Mr. Tracy in his paper emphasized the necessity of having a distinct varietal type to adhere to in seed growing. He

told of many confusing cases, as one in which there were two types of melon in the introduction of a new variety, one grower having selected his stock to the scarlet type, another to the white flesh type. The importance of minute distinctions from the practical standpoint was great, as in lettuce, where a difference in texture of leaf meant a better forcing variety, but grown outside there was no difference discernable. There are three distinct types of Refugee wax bean in the American seed trade to-day. And the same thing is true in other vegetables. This instability of type had led to substitution being looked upon lightly in the seed trade. Horticulturists should demand from the introducer of a new variety a distinct and accurate description of what he considers the type to which it should be grown, and this should be rigidly adhered to in the growing of seed to be sold under that name.

A committee of the society was appointed to make an investigation of this whole subject, to report at the next meeting of the society, the two presentors of the papers being named with power to add to their number.

PLANTS UNDER NEW ELECTRIC LIGHT.

Prof. C. P. Close detailed recent experiments in the growing of plants in the new Cooper-Hewett mercury-vapor electric light which had been made at the Delaware experiment station. The 4-H patter lamps were used. The rays have no red in them, and looked at through a red glass no light can be seen. The candle power of each lamp is about 650 and the expense per candle is about one-eighth that of the candle power of the incandescent light and about three-fourths that of the arc light. Grand Rapids and Boston market lettuces were used in the experiment, seed sown December 14. These were put into a chamber from which daylight was excluded after they had made four to six leaves, all of which were removed. Plants from a sowing on January 25 were also put in at the same time. These had four small leaves and they were left on. The cultural conditions were not of the best as regards ventilation and heat during the growing or lighted part of the twenty four hours. It was at night that the light was on. Of the first setting all were lost by disease except a dozen immediately beneath the light. Radishes were also grown. From a commercial view the experiment was not a success. Chlorophyll was formed, but the plants made a very spindly growth. The object in view was the utilization of basement barns, and under more favorable circumstances the results must be better.

In the course of a discussion it was the feeling that the light might be used as a supplement to natural daylight in forcing salad plants during the dark days of mid-winter.

The election of officers resulted as follows: Prof L. H. Bailey, president; V. A. Clark, Phoenix, Arizona, secretary-treasurer; U. P. Hedrick, assistant secretary; W. R. Lazenby was made chairman of the executive committee.

Pipes Treated With Paint.

A correspondent writes as follows with regard to the use of paint on heating pipes: "I painted my pipes with a black paint and when I made a hot fire the gas from the paint nearly ruined all my plants except carnations. It was a costly experience."

THE CARNATION.

Midwinter Advice.

During the coming six or eight weeks we must expect very severe weather and this is a trying period for the carnation plants. It may happen that for two or three days at a time the weather will be so severe that it will be impossible to give any ventilation, and besides this we have to keep the steam heat going on such days to provide the required temperature. Unless we are careful these conditions are apt to cause a soft growth of the plant, resulting in weak stems and a bloom of poor keeping qualities. While the weather is very severe and when the sun has not the power to clear the frost from the glass it is best to keep the plants a little on the dry side, watering only as they absolutely require it. A little lower temperature should also be maintained.

To keep the temperature of the houses up during a severe cold spell to the same degree as during moderately cold weather



Prof. L. H. Bailey.
(President Society for Horticultural Science)

it is necessary to fire much heavier and put on extra steam heat. This extra pressure makes a much drier atmosphere and the plants are better for it if given a few degrees lower temperature when it is necessary to maintain so much artificial heat. This extra firing will also cause the red spider to put in its appearance on plants which are in close proximity to the steam pipes. To keep this pest down give these plants a good syringing about every three or four days.

This is also the time of year when the plants should look their very best to be paying their way, and they should receive every encouragement by keeping them cleaned of dead leaves, looking closely after the disbudding and maintaining an even temperature. Another thing to be borne in mind is the precaution not to take everything in the way of a shoot away from the plant for cuttings, but always leave enough for growth and bloom later on. If the plants are robbed too heavily at this time they play out very early in spring.

As soon as the cuttings in the sand are rooted they should be potted up without

delay, using a fresh, sweet soil without manure or fertilizer of any kind. Place them in a light place in a temperature of 50° at night for about ten days, or until they get fairly started in the new soil. After this they are better if the night temperature is kept between 40° and 45°, which allows them to make a sturdy growth without any forcing.

Cuttings potted up at this early date should receive another shift before planting out time, because if potted up now and left in the same pots till planted in field they become root-bound, hard and woody, a condition which will cause them to stand still and not make growth for a considerable time. A good plan to follow with early propagated stock is to plant in shallow boxes of soil direct from the cutting bed. About the middle of March take them from these boxes and pot into 2½ inch pots, which will carry them along in good shape till planting out time. By treating them this way the plants will be growing right along without a check. As soon as one batch of cuttings is out of the sand run another in at once, because this is the time to follow the propagating up as close as possible. We use the same sand for two batches of cuttings and get just as good results from the second batch. However, as soon as the second lot is out the sand is renewed before putting in more.

C. W. JOHNSON.

Grubs In Carnation Bench.

ED. AM. FLORIST:—I enclose some worms which were found in one of my carnation benches about two weeks after the plants were mulched with rotted manure. I have not yet noticed any injury to the plants, but want to get rid of the pest. What shall I do?

C. H.

The grubs in question are not insects at all, but small earth worms. The zoologist to whom the query was referred is unable to determine the species or genus. He says that they are probably not injurious, and that they were undoubtedly introduced into the carnation bench with the manure used for mulching.

Carnation Gibson Beauty Withdrawn.

We wish to announce to the trade that Gibson Beauty, the new carnation that we have sold so extensively, has not come up this season to its past record, or our expectations, being a late bloomer and giving but few blooms before Christmas. We have decided not to disseminate same and have canceled all orders that have been placed.

J. D. THOMPSON CARNATION CO.,
SWAN PETERSON FLORAL CO.,
Introducers.

Fuchsias.

Do not fail to try to produce a few specimen fuchsias for spring sales; nothing is easier. If the stock plants are not yet taken from beneath the stage, where they are too often found, bring them out and give them light and air without delay. To begin right is half the battle. Select short-jointed cuttings of shapely build, remove a few of the lower leaves and pot at once and firmly into 2½ inch pots, and place in a temperature of from 52° to 55° at night, plunged in a little bottom heat if possible. Sprinkle and shade to avoid wilting and in about three weeks they will be found to be well rooted. Do not allow them to crowd each other, or the object in view will be

defeated. When well rooted repot into well crocked fours, fives or sixes, according to the size and strength of the young plants. In the hands of a careful cultivator the largest size will not be too big.

Keep the young plants tied to neat and upright stakes. Do not pinch the top out, as is sometimes recommended; keep the plants growing without a check and it will be found that by the system recommended, the side shoots will develop very satisfactorily without pinching and a much more symmetrical plant will be produced than by any system of stopping so far practiced.

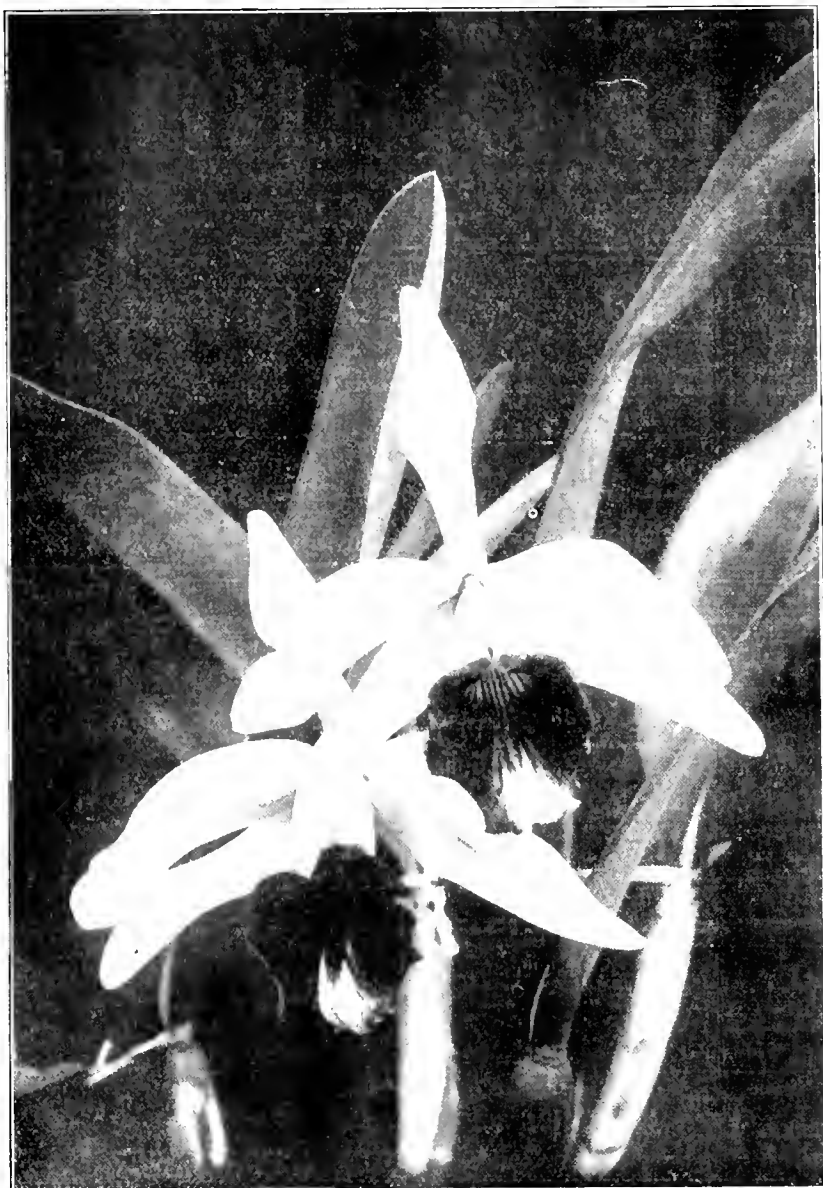
The varieties have something to do with determining the size of pot to use. I do not know much about the newer introductions. Such old varieties as *Arabella*, *Rose of Castile*, *Elm City*, *Prince Imperial*, *Earl of Beaconsfield* and *speciosa*, would take an 8-inch pot for the final potting, and if very large specimens were the object 10-inch pots have been used. When the latter size is used to advantage is when the cuttings have been rooted in October. *Black Prince* grows into symmetrical form naturally, but how it ever received the name of *Black Prince* has puzzled many a one. Perhaps a 6-inch pot would suit that variety for a final shift, unless rooted in October or November. *Maoria Chief*, renamed *Modoc Chief*, was a naturally symmetrical grower and the corolla was a rich velvety purple and would seem to fit the name of *Black Prince* far better than the one which is now generally recognized under that name. I have mentioned *Elm City*. That was a fine fuchsia in its day. I have been trying to get it but have so far failed. I received two stock plants last fall with labels "*Elm City*," but it has turned out to be a single variety, with purple corolla.

On general principles I prefer a single flowered fuchsia to a double one, but when we have a definite idea of what is ordered and receive something entirely different, to say the least, we are naturally disappointed. *Elm City*, as grown around Germantown thirty years ago had a double purple corolla and red sepals. It was a compact, short jointed, symmetrical grower and was one of the most popular market plants in those days. Who has it now? *Wave of Life* was a popular variety in those days; it had yellow foliage, a single purple corolla and was rather a dwarf grower. There were two very distinct varieties sent out by two different London firms the same year in the late sixties under the same name, *Avalanche*. The one sent out by E. G. Henderson & Sons had yellow foliage and a double purple corolla. The other, disseminated by one of the Smith firms, had double white corollas. Henderson's *Avalanche* proved to be the most useful as it had a very fine habit.

EDWIN LONSDALE.

Laello-Cattleya × *Gottoliana*.

The subject of the illustration herewith, is a cross between *Cattleya Warneri* × *Laelia tenebrosa*. This hybrid, originally imported into England from Brazil as *Laelia tenebrosa*, was believed to have come in an importation of *Cattleya Warneri*, and flowered in the collection of E. Gotto, by whom it was named *Laelia Gottoliana*, and received a first-class certificate of the Royal Horticultural Society. It was long suspected as a natural cross between *Laelia tenebrosa* and *Cattleya Warneri*, and in November, 1900, James Douglas exhibited a plant raised by him, the result of crossing these



LAELIO-CATTELEYA GOTTOIANA.

two varieties, but using the cattleya as a seed bearer, which was unmistakably identical with the wild plant, thus proving conclusively the origin of this beautiful and interesting specimen. It is a vigorous grower, its habit is intermediate between both parents, the leaves resembling that of *Cattleya Warneri*, and the flower sheath that of *Laelia tenebrosa*. The large flowers, three on one spike, are the size of a large *Cattleya Warneri* (the illustration depicts the flower about half its natural size). The petals and sepals are narrower and more acute and the color a beautiful roe purple, while the throat and lip is much darker. The plant flowered with me last June and again in September.

R. SCHIFFMANN.

In the Plant Houses.

Following the holiday plant business there is usually found a lull in trade for a few days or weeks, partly owing to the trade being supplied temporarily, and also in most seasons to the severe weather that is likely to prevail at that time, and which renders the shipping of tender

plants a very risky operation. This condition of affairs gives the busy grower an opportunity to do some thinking and planning for a future season, besides doing many little jobs that may have been neglected during the Christmas rush.

In the line of preparation one of the things worth noting for future reference is the fact that many of us are still somewhat deficient in system, notwithstanding the various learned papers that have been presented on this very subject before our national and local societies. There are doubtless many of our leading cut flower growers who keep regular records of the output from each house and variety therein, and are able to reckon within a reasonable margin the cost of production and consequent profit or loss, but comparatively few plant growers go to the trouble of even an annual stock-taking, and are therefore unable to figure out very clearly the question of comparative profits from the various lots of pot plants they grow. This is not such a big undertaking as it may seem, for two careful men can count the plants in a

considerable number of houses in a day, and the counting is the largest item of work in taking stock.

In decorative stock the annual count should be made after the stock is getting into condition for the fall trade, August 1 being a convenient date for taking account of stock in that department, for at that time one may estimate quite closely as to the value of a given lot of palms for example. But in bedding plants and Easter stock the count should be made in the spring, and by going over the order book after the rush is over a fair idea may be had of the financial results from any special lot and plans may be laid accordingly. Then there are also the various methods of growing that have been tested during the past season, some of which may not have been entire successes, for we all slip up at times, and this quiet season to which we have been referring is just the time to give some consideration to these problems.

There are also cuttings to be put in and possibly some ready to be potted off, for the careful propagator keeps his work going all the time, only choosing the most favorable seasons of the different subjects he handles. It is comparatively easy to root cuttings of many foliage plants at this time, the sun having but little power to wilt cuttings and there being abundant bottom heat for those plants that require it. Croton cuttings are among those that may be rooted readily at this season, and by topping the stock plants thus early another crop may be had in the early spring. These bright foliated plants are coming into more extended use from year to year, and well grown stock seems to find a ready market in our large cities, the varieties with medium sized foliage being the most convenient for use as small plants, while those with large leaves and the strap-leaved and twisted or contorted ones, many of which probably are due to crosses in which *C. tortile* formed a part, are useful for specimens but not so generally favored by the retail florists.

These cuttings should be well watered in when planted in the sand, protected from sunshine and sprinkled lightly once or twice each bright day, and if given a night temperature of 70° will root in about three weeks. The roots are quite tender and require careful handling when potting off, and the young plants should be protected from the sun for the first week after they are potted, but once established they will grow best in full sunshine. During the summer months large and sappy tops of the strong growing crotons may be nicked with a knife and mossed up in the same manner as ficus tops, and will root with equal facility, but at this season such a process is likely to be much slower than in the hot weather and ordinary top cuttings will answer just as well. Warmth and a moist atmosphere are two of the chief essentials in croton culture, and without these there is likely to be a small measure of success with these plants.

Dracaena Sanderiana does not make cuttings very rapidly at any time, but is slowest of growth in midwinter, and any cuttings that are in condition may be taken off at once, for this useful little variegated plant is one of the surest rooters of its family, there seldom being any loss worth mentioning, and it is as a small plant that this *dracaena* is most in demand, the usual purpose to which it is put being among small ferns in a table fernery or in a small basket of plants.

Dracaena Godseffiana has met with less favor among the florists, though a reasonably hardy subject, and resembles the above species in being quite easy to root and also easy to grow. Those having canes of *Dracaena terminalis* for stock may continue to get cuttings from them for two years or more, though the larger portion of the crop will appear during the first season, and any cuttings that are large enough to take off may be put in at this season with a good hope of success, and such cuttings will make large plants for the trade of the next fall.

After the holidays there is frequently a shortage of good small ferns for ferneries, and any nice 2-inch pot stock of the popular species and varieties may be potted on into 3-inch pots and will soon be in salable condition, provided they are given a good position in a light house where a temperature of 60° to 65° is maintained. The fact that many ferns like manure is not so generally appreciated as it might be, but a little experimenting will convince in most cases that



The Late Amos Stuart.
(See obituary, page 1021.)

a liberal allowance of short stable manure may be used to advantage in the compost for these plants, though the manure should be old and well rotted, fresh stable manure containing too much free ammonia for the tender young growths of these plants. Nor is it too late to pot on some Boston ferns, for in many localities the stock of these plants becomes somewhat depleted by the holiday trade.

Fern spores may also be sown now, using finely sieved soil on the surface of the seed pots, and if the soil has been submitted to a steaming or baking process before being used there will be less trouble with weeds and fungus. Home grown spores are usually most satisfactory, but even with the greatest care in preparing the spores, one frequently finds them more or less mixed upon germination, and the worst of it is that the seedlings in the prothallus stage are so much alike that it is almost impossible to determine them until they begin to form regular fronds. The seed pods of the ferns must be well protected from the sun, and plunged in sand or ashes in the propagating frame in order to retain the moisture, an even degree of moisture being most necessary. W. H. TAPLIN.

MARKET GARDENS.

FROST IN FLORIDA.—According to recent advices, frosts in Florida have done considerable damage to vegetables. The temperature has been down as low as 28° and caused considerable damage to lettuce. Much of the lettuce which reached New York last week showed signs of being frost-bitten, and one shipper states that he lost at least two carloads by the frost.

Prices of Indoor Vegetables.

The prices of indoor vegetables at leading points January 7 were as follows: New York, cucumbers, No. 1, \$1 to \$2 per dozen; No. 2, \$2.50 to \$3 per case; lettuce, 40 cents per dozen; mushrooms, 20 cents to 40 cents per pound; radishes, \$3 to \$3.50 per hundred; tomatoes, 18 cents to 20 cents per pound; rhubarb, \$1 to \$1.25 per dozen bunches. Buffalo, cucumbers, 50 cents to \$1 per dozen; tomatoes, 25 cents to 30 cents per pound. Minneapolis, cucumbers, \$2.25 per dozen; lettuce, \$1.25 per dozen. Pittsburg, cucumbers, \$1.50 to \$1.75 per dozen; radishes, 15 cents to 25 cents per dozen. Denver, cucumbers, \$1.75 to \$2 per dozen; Cincinnati, cucumbers, \$1.50 to \$1.75 per dozen; Cleveland, mushrooms, 45 cents to 60 cents per pound; radishes, 18 cents to 20 cents per dozen; cucumbers, \$17 per box. St. Louis, cucumbers, \$2 per dozen. Detroit, cucumbers, \$1.60 per dozen. Philadelphia, mushrooms, 25 cents to 35 cents per pound.

To Be Done Now.

Schizanthuses of the new dwarf large flowered varieties are worthy a trial in a small way thus early, especially the variety *Wisetonensis*, of which good accounts have been received from Europe and New York. Two years ago they figured as an Easter novelty in the latter city. Our good friend, John H. Troy, was very enthusiastic about it. I am afraid it is now too late to sow the seed for the coming Easter. Do not be afraid to try it, however, for experiments have to be made with all plants to find the best way to treat them and for what purpose they are the most useful.

Begonias for spring bedding in May should be sown without delay. These include the bulbous varieties and such types of the semperflorens as the well known *Vernon* and *Vernon grandiflora*, *Vulcan*, *Zulu King*, *Bijou*—the dwarf compact variety, with flowers the color of *Vulcan*—*Duchess of Edinburgh*, *Erfordii*, *gracilis* and others that strike the fancy. Fresh seed sown in a night temperature of 60° to 65° will be up and doing in two weeks.

The last sowing of cyclamens should be made at once to have plants for next Christmas. These, of course, will not be as large as those from seed sown in September and earlier, but plants of a very useful size may be had even yet, if grown on without a check, that can be used to advantage in filling baskets for the holidays.

The first batch of *Drummond's phlox* may be sown now. As soon as the seedlings are well up they should be grown on in a greenhouse temperature of 40° to 45° at night. If grown warmer they are liable to become drawn and spindly.

What about the red perennial sunflower? Surely that ought to be a good thing for the trade. It is recorded as being the result of a cross between a

member of the rudbeckia family and the true sunflower—helianthus.

Vinca rosea, white, and white with bright red eye, should be sown as soon as possible in a temperature of 65° to 70° at night. This periwinkle ought to be grown more plentifully for spring sales than it is nowadays.

A few Lobelia heterophylla major may

action amid hearty applause. His inaugural address, which may be of interest to the members of other clubs, is reproduced herewith in full:

GENTLEMEN OF THE NEW YORK FLORISTS' CLUB:

I thank you heartily for the mark of confidence you have shown me by re-electing me to the office of president for the ensuing year. Well attended meetings, a liberal response to our invitations to all who might have something to show on the

programme to arrange for special exhibitions on stated nights during the year, beginning with carnations at the February meeting. It would tend to increase interest and make these nights still more attractive if we could have a paper read by a specialist on the principal exhibit of the evening.

I hesitate to refer to a revision of the rules governing the committee on award, but I have heard suggestions that the rules might be improved. I think, however, that matter may safely be left with the committee and if it sees fit to make recommendations the club will consider them.

The house committee seems to have made itself indispensable and a fair appropriation for this year is advisable. I recommend that the committee make arrangements for a ladies night for the February meeting and provide proper entertainment. If agreeable to the club, I would suggest that we entertain the ladies again towards the close of the year.

One or two illustrated lectures might be arranged for by the essay and entertainment committee during the year.

This is an opportune time to consider the subject of the club's annual outing and to invite suggestions as to the place where we are to go. As a member of the second outing committee, with some of its members, we visited all places near the city and found most of them undesirable or inaccessible, Wetzel Point Grove being more attractive than any. This committee should be appointed at once with instructions to make arrangements with the management of the place determined upon at this meeting.

The bowling contingent is reminded that it is time to get to work, enlist recruits and try to make a record for New York. We are not handicapped by distance to be traveled this year and a good team ought to be got together and give a good account of itself in Washington this summer.

Concluding, I want to testify to the warm support given me by the officers of the club during the past year. The secretary has done his good share, and how much that amounts to is not generally appreciated by the majority of members. His work has been most valuable towards the club's welfare.

The treasurer has seen to it that the club's funds have not been idle and the fact that all but a couple of hundred dollars are drawing interest, which amounts to enough to pay two-thirds of our rent, shows with what zeal he cares for our interest. With the continued assistance of these, the other officers, committees and members, I hope to be able to serve you acceptably during the coming year.

J. A. Shaw, the new vice-president, was next introduced and read an address in which business, sentiment and song were commingled. John Young, who succeeds himself as secretary, was heartily applauded as he finished the few remarks made by him, following his introduction. Charles B. Weathered, the re-elected treasurer, was also well received, as was John Scott, the new trustee, and Walter F. Sheridan and Alexander S. Burns, trustees re-elected.

Walter F. Sheridan, as chairman of the banquet committee, outlined the entertainment which his committee had



ELÆAGNUS AUREA MACULATA.

(At P. J. Berckmans Company's, Augusta, Ga.)

be sown for early outdoor planting. This variety stands the American sun better than some others that are better known.

Do not allow geraniums to become crowded. Move them over if there is not yet time or room to pot them into 4-inch or 5-inch pots.

Croton cuttings should be put in soon as possible to have them ready for planting out the first week in June.

Nicotiana Sanderæ comes abundantly recommended and looks like a promising plant.

E. L.

Elaeagnus Aurea Maculata.

This is a peculiarly beautiful broad-leaved evergreen shrub for the south. The leaves are beautifully blotched yellow and green on the upper surface, and covered with minute silver scales beneath. The flowers are inconspicuous, but exceedingly fragrant and the cherry colored fruits very attractive. The variegation of the leaves is permanent and does not, like very many other variegated foliage shrubs, revert to the original green of the parent variety.

New York Florists' Club.

The first meeting for the year 1905, of the New York Florists' Club, was held on Monday evening, January 9. The attendance was good, and the forethought of the house committee in providing a hot bird of liberal dimensions as an accompaniment to the other supplies, which were taken cool, was highly commended by the gathering. Installation of officers was, of course, the first and really the most important business of the evening. As Frank H. Traendly succeeds himself as president, the duty of introducing him devolved upon S. S. Butterfield, the retiring vice-president, and Mr. Traendly took the gavel into

nights set apart for special exhibits; good work by the different committees—all these have contributed to make the past year successful. That the same favorable conditions may be with us during the year to come is my earnest hope.

The club is in a flourishing condition, and the treasurer's report will show a growing surplus, as the following extract proves:

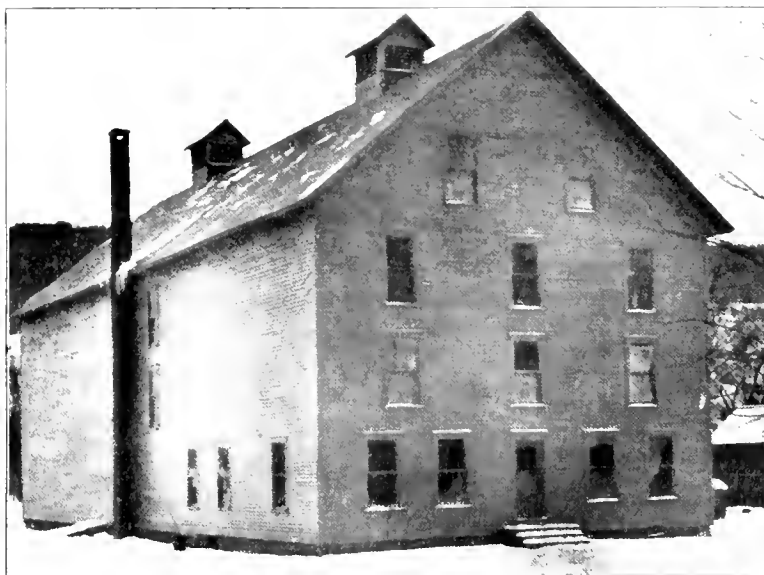
Cash balance January 1, 1904 \$911.63

Cash balance January 1, 1905 \$1236.52

The membership is at present about 200, of which 147 are in good standing, thirty two owe one year's dues and eighteen have received a final notice to make good their indebtedness at once. These figures may seem to compare unfavorably with last year's report, but the list of delinquents has been gone over by the board of trustees and a good deal of dead wood dropped from the roll.

It is proper at this time to say to proposers of new members that the initiation fee of \$3 must be handed in to the secretary with every proposition before a name can be presented to the club.

I recommend a repetition of last year's pro-



NEW BULB HOUSE OF ARTHUR COWEE, BERLIN, N. Y.



STORE OF SIEBRECHT & SON, NEW YORK, LAST CHRISTMAS.

arranged for at the club banquet February 4, next.

John B. Nugent, chairman of the house committee, was warmly received when he made his report dealing with the expenditures of his committee for the past year, and a vote of thanks to the committee for their work, was unanimously passed.

Robert Simpson, Charles H. Totty, John Rocharna, James Hart, Jr., George Darsley and Marius Matheron were elected to membership, and Frank McMahon, C. Albert Small, J. F. Marsden and W. H. Mather were nominated for election at the next meeting.

A letter was read from Prof. W. G. Johnson, thanking the club for its support in his recent candidacy for the office of assistant secretary of agriculture.

Alexander Wallace presented a report from the board of trustees which dealt with the financial condition of the club and showed it to be in good shape.

A change in the by-laws to allow of an alteration in the method of receiving dues was discussed, and the matter scheduled to take the usual course necessary for validity.

William Duckham, on behalf of the Morris County Gardeners' and Florists' Club, Madison, N. J., invited the officers and members to a club smoker at Madison on Wednesday evening.

A request that the club give its support to the Hearst bill, amending the interstate commerce laws, was referred to the board of trustees for action.

Alexander Wallace called attention to the forthcoming convention of the American Carnation Society in Chicago, and to the fact that, as a number of New York florists would attend, it might be well to arrange for special transportation.

The recommendations contained in the president's address next came up for discussion, the location of the place for the summer outing getting most attention, and such location left to the outing committee for selection.

On motion of P. O'Mara it was decided to make the carnation night in February, ladies' night and to have another ladies' night in the fall.

The president appointed the following committees: Legislative, John N. May, Patrick O'Mara and C. H. Allen; essay

and entertainment, J. B. Nugent, Jr., Joseph Manda and Robert Koehne; on awards, Patrick O'Mara, A. L. Miller, Charles Lenker, W. H. Siebrecht, John Birnie, C. H. Totty and William Duckham; outing, W. J. Elliott, H. A. Bunyard, J. A. Shaw, John Birnie, J. W. Reimels, Jr., Louis Schmutz, Jr., Charles Schenck, L. B. Craw and A. H. Langjahr, Jr.

COLD SPRING, N. Y.—Wm. Dyos and Miss Ella Humphreys were married at the bride's home last month.

GRAND ISLAND, NEB.—E. Corbin experienced considerable loss at his greenhouse December 27, a large number of his plants freezing. Mr. Corbin was not in the city at the time and left the heating plant in charge of a young man inexperienced in that line.

THE RETAIL TRADE

At the Chicago exhibition of the American Carnation Society, January 25 and 26, retail florists will be afforded an opportunity to compete for a prize of \$25 for the best vase of 100 carnation blooms arranged for effect.

At a prominent wedding in New York, January 11, the bride carried a bouquet of gardenias, and the two bridesmaids immense bouquets of marguerites, the latter beautiful in their simplicity, outside of the fact that they exemplified the christian name of the bride, Margaret.

For the wedding of Miss Helen Beadleston and George Foster Rawlius at New York, December 28, the Church of the Transfiguration was very prettily decorated with white roses and lilies interspersed with palms and with clusters of pink roses on the altar. The bride carried a bouquet of gardenias and lily of the valley and the maid of honor carried a bouquet of yellow roses.

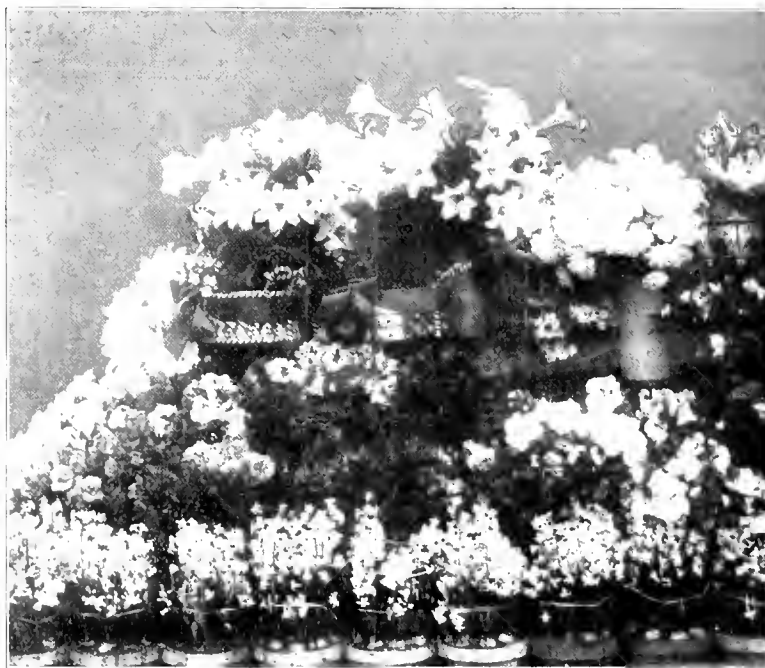
Notable New York Decorations.

At the ball given last Monday by Mrs. Astor at the Astor residence on Fifth avenue, the decorations were very elaborate. J. M. Hodgson was the florist, and used tropical plants, orchids and American Beauty roses in the general scheme which was quite simple.

Lispenard Stewart gave a dinner at Sherry's previous to Mrs. Astor's ball, at which the floral decorations were lavish. In the center of a big circular table laid for 100 covers was a miniature sunken garden of palms surrounded with pink and red azaleas, and outer rims of red azaleas and scarlet and pink carnations. Distributed among the flowers were numbers of rose colored electric lights.

Floral Tribute to Senator Burrows.

The accompanying illustration shows one of the most notable floral tributes ever presented to a member of congress. It was placed on the desk of Senator



WINDOW DECORATION LAST CHRISTMAS, GENY BROTHERS, NASHVILLE, TENN.

Burrows, of Michigan, January 5, in honor of his re-election to the United States senate by the legislature of his state. The design was a map of Michigan on a shield eight feet high. The land was represented by immortelles, the lakes by mirrors. The border was of orchids, red roses and pink and white carnations. The entire design had the national colors as a field and was surmounted by the words, "All Yours." A. Gude & Brother, of Washington, D. C., were the designers.

S. E.

New York.

THE MARKET.

The second week of the new year opened very quietly and the middle of the week found business just "dragging along." Stock moved in a way but did not clean up well, and prices in several lines dropped considerably. Roses sold fairly well but the bulk of sales were made at liberal concessions. American Beauty roses were plentiful and of fine quality; top prices, however, were hard to get and few sales only were made at maximum figures. Carnations are very plentiful and go slowly even at bargain prices. A fairly good grade was sold as low as one cent. Freesias are to be seen in several establishments, the quality in general being fine. Jonquils and daffodils are also in but the demand for them is poor. Tulips are arriving in larger quantities than the market will absorb and consequently hang fire, with the exception of the white varieties for which the demand is better. Violets have fallen off considerably, and arrivals are hard to move. The street merchant with violets is to be found at all prominent corners. Taken altogether business is no worse than customary at this time of year, although the time for improvement is reached.

NOTES.

Herman Dreyer, of Woodside, just prior to Christmas was confined to his room, threatened with an attack of pneumonia. On Christmas eve fire was discovered in the barn near his house and the assistance of neighbors was invoked to extinguish it. Although the fact of the fire was kept from Mr. Dreyer he divined something was happening, put on his clothes and rushed out. There was, of course, something of a shock to his system, but it was on the right side and he dates his recovery from the moment of his action. The fire was extinguished and Mr. Dreyer says with it the pneumonia.

Young & Nugent have been making some fine window displays of late. Two striking settings were a window of cut longiflorum lilies with a background of asparagus, and another with the same background and a pyramid of orchids.

The banquet of the New York Florists' Club to be held February 4 will probably be a big success. Already the number of members signifying their intention to be present is larger than the whole company at last year's banquet.

The indications are that there will be a good representation from New York at the annual convention of the American Carnation Society in Chicago January 25 and 26.

A small fire in Warendorff's, Broadway near Twenty eighth street, January 3, caused considerable excitement, but passed off without damage to the store.

John N. May, of Summit, N. J., who was attacked with illness around Christmas while attending to his business, is on the mend.



FLORAL TRIBUTE TO SENATOR BURROWS.

(By A. Gude & Brother, Washington, D. C.)

A lady bookkeeper now graces the aerial office of Joseph S. Fenrich, the Thirtieth street commission man.

John Scott, of Brooklyn, is planning to erect three new houses at his Flatbush establishment early in the spring.

Julius Roehrs, of Rutherford, N. J., has quite recovered from his illness, and is around the greenhouses again.

John Donaldson, secretary of the New York Cut Flower Exchange, is confined to his house through sickness.

Alfred H. Langjahr has been receiving of late some fine quality asparagus, both in plumes and Sprenger.

Walter F. Sheridan had a novelty this week in cut sprays of eupatorium.

Fashionable dinners and balls are growing more numerous.

Chicago.

THE MARKET.

The early part of this week witnessed a vast improvement in general market conditions, particularly in the cut flower lines, which last week appeared so gloomy. There is a much healthier tone to the market and American Beauty roses are pulling out of the rut in which they traveled last week. They have

been improving in quality and increasing in quantity and prices obtained for all grades are climbing up slowly to a respectable height. Teas are finding a good market. The quality is of the standard midwinter class but they are not overplentiful, keeping about even with the inroads upon them. The better grades have the call, and few even of the poorest grades go to waste. Carnations have shown an improvement, but not much. Growers are not cutting as heavily as for a month past and quality is weakening slightly. There are enough for all purposes, however, and the poorest grades usually find their way to the street hawkers, going out of the wholesalers' hands at prices below the dollar mark. Some of the fancies are staying up to 4 and 5 cents and are not compelled to wait long for the buyer. Violets continue in a glut, the demand being entirely inadequate to meet the heavy shipments from the east. To-day (Thursday), several dealers received extra shipments in anticipation of a run for the charity ball but they are not needed. Only the best quality is wanted, and the bulk of the stock does not come under this head. Lily of the valley is going at a moderate pace, some reaching as high as 4 cents.

Roman hyacinths and stevia are in good demand. Tulips have appeared, but the quality and stems are yet absent. No colored varieties have yet been cut. All greens are selling well. Local retail trade has been quiet, the more noticeable on account of the exceptionally heavy holiday business.

FLORISTS' CLUB MEETING.

At the Florists' Club meeting January 12, there was a large attendance, with President Rudd in the chair. Routine business was transacted and L. Coatsworth, for the finance committee, reported a balance in the treasury and all bills paid. Messrs. Vaughan and Hauswirth reported progress in the matter of the American Carnation Society convention and received definite instructions as to further procedure. The following were elected to membership: Harry Bluett, Des Plaines; Wm. Griesinger, James Hancock, Western Springs; A. C. Beal, Urbana; August Poehlmann, Morton Grove; H. Wehrman, H. Luedtke and Wm. Wichtendahl, Maywood; Geo. Ball, D. Wood Brant and R. J. Mohr, Chicago.

H. M. Altick, of Dayton, O., addressed the club in the interest of the Florists' McKinley Memorial Fund and was well received. The retailers, growers and wholesalers present decided to contribute to the fund from the proceeds of their McKinley day carnation sales, twenty-five per cent, fifteen per cent and five per cent, respectively, and signed an agreement to that effect. A committee consisting of George Asmus, Leonard Kill and E. C. Amling was appointed to attend to this matter, to place appropriate signs in the stores and to look after press notices, etc. In the course of the discussion of the matter it was intimated that orders for a quarter of a million of the leading 1906 novelties had been already sold and it was stated that one local wholesale cut flower grower sold \$3,700 worth of carnation blooms in the south last month.

NOTES.

The annual meeting of the Horticultural Society was held at the Auditorium Annex, January 10, J. C. Vaughan presiding. Reports of officers were presented and that of Treasurer Rudd, dealing mainly with the recent exhibition, was particularly encouraging. Adjournment was made subject to call of committee on the nomination of officers, the committee to be appointed by the chairman.

Among the important real estate transfers of the week was that of eighty acres at the southwest corner of California and Peterson avenues, which have been transferred by Mrs. Mary A. Peterson to her husband, William A. Peterson, for a consideration of \$120,000. The ground is the site of the Peterson nurseries. Streets running through the property are excepted in the transfer.

The Ficus Club, of Vaughan's Seed Store, held an informal reception Tuesday evening at Van Buren opera house, corner of California avenue and Madison street. A good attendance and a royal time are reported.

Fancy freesias in quantity are being received by the E. F. Winterson Company. A large shipment of cypripediums Wednesday did not last long, there being a healthy demand for orchids now.

P. J. Hauswirth had several extensive decorations this week, among them that for the National Retail Furniture Dealers' Association at the Auditorium. Seven hundred and fifty covers were laid.

J. D. Thompson was in town this week showing some handsome blooms of Car-

nation Robert Craig to prospective buyers of cuttings and plants. Many orders have been already booked.

Stollery Brothers, of the Flower Growers' Market, are handling something nice in the shape of small pots of *Asparagus plumosus*. Their Boston and other ferns are of the best.

The George Wittbold Company will add extensively to the Edgebrook range this spring, the A. Dietsch Company having the contract to furnish the material.

John C. Moninger last week shipped the first carload of material for the large addition to the Bassett & Washburn greenhouses at Hinsdale, to be built this spring.

Weiland & Risch are supplying their customers with Lawson carnations, a sight of which is good for the eyes. Their American Beauty roses also show class.

Michael Winandy is in financial difficulties with liabilities probably one-half in excess of the assets. Lumber, glass and coal men are the chief creditors.

A. L. Randall Company has practically all of the white lilac in the market and it is being made a specialty of this week at \$1.50 per dozen.

The new Benthley white and pink asters are taking a hold on the public if the demand for seeds indicates anything.

Adam Schillo distributed a handsomely designed calendar among his patrons as a New Year's gift.

John Deamud's daily receipts of tea and American Beauty roses show exceptional quality.

Benthley-Coatsworth Company has enlarged its office space at the Chicago shipping rooms.

George Reinberg reports an already large demand for carnation cuttings and rose plants.

Charles J. Strombach, of Lincoln park, who has been ill with pneumonia, is improving.

We note that some of the best fancy ferns are now selling at \$2.50 per 1,000.

E. C. Amling is just now strong on green goods of exceptional quality.

John Mangel has been turning out a large number of funeral orders.

Visitors this week were H. M. Altick, Dayton, O.; F. Wm. Heckenkamp, Jr., Quincy, Ill.

Indianapolis.

Bertermann Brothers Company invested in 250 boxes of glass for an addition. The firm also contemplates installing a 100-horse power boiler and the erection of new sheds, smokestack, etc.

The Indianapolis News recently had an interesting account of the Dorner establishment, paying well earned tribute to Fred Dorner, Sr., the carnation king.

Baur & Smith have purchased the glass for their new place in Mapleton. The boiler, cellar and shed were erected last fall.

The annual meeting of the S. F. A. I. has been postponed from January 10 to January 17.

Sidney Smith left for a three months' stay in Texas.

Philadelphia.

THE MARKET.

The past week has been quiet, with the exception of Friday, when, on account of the first assembly there were a number of dinners at which the decorations were quite elaborate. For the ball which was held at the Bellevue-Stratford the decorations were simple but elegant,

quality giving precedence to quantity. Habermehl had this in charge. All the prominent florists had bouquets for the affair but there was not much demand over the past few years. Fifteen to twenty years ago the assemblies came next to holidays in point of volume of business, the total running up to thousands of dollars, Pennock Brothers having for one assembly over two hundred and fifty bouquets that would average \$10 each. There are now probably ten times as many flowers grown for this market as at that time and they all seem to find customers, which shows how the trade has grown. Roses have been off the past week, particularly American Beauty which come off color, bull headed, weak stemmed and in a generally decrepit condition. A little sunny weather with a rest from the holiday forcing will probably bring them around in a couple of weeks. There are some choice Bride and Bridesmaid, and I think is fine, but many seem to lack substance. Carnations look as if they will be in trouble soon. The stock now coming in is very fine, but the market can scarcely take the day's shipments and clear them out before the next day's arrive. W. J. Moore, at the Market, said there were at least 75,000 blooms handled by the Market street curbstone brokers last Saturday. This is notice to the growers to look out for squalls, for 5 to 10 cents per dozen at one end minus dealers' profit, commission and other charges does not leave much margin for the grower.

NOTES.

Wm. Brinton's houses at Christmas were badly damaged, in fact, one or two houses practically destroyed, by an explosion of about a ton of dynamite which was stored by railroad contractors in a shed near his place. The force of the explosion was terrific, being felt in Westchester, over thirty miles away. Most of the stock was frozen, as the weather was very cold, and before temporary repairs could be made it was too late to save the plants.

Manager Meehan, of the Market, wears a new hat, a present from the growers. Good prices received for American Beauty roses at the holidays are said to have brought this recognition.

Carl Muller, of Sixty-sixth and Elmwood avenue is dead, aged 91. His funeral took place last Monday and was attended by members of the trade.

The Philadelphia Cut Flower Company is shipping a lot of galax and lencothoe sprays, and reports the general trade excellent for the season.

Alice Ferguson is dead. Hers is the third death in this family within a year, her mother and a sister having recently died.

The H. A. Dreer Company has erected a glass enclosure to protect the plant exhibits at the market.

Leo Niessen is handling extra Bridesmaid roses which move easily at \$20 per 100.

Berger Brothers are handling choice Enchantress and Lawson carnations.

Ed. Reid carries a fine line of Perle roses. K.

Boston.

THE MARKET.

The market for cut flowers has been practically dead in this city the past week, there having been no demand, although the supply has been short enough to have kept the prices up under ordinary conditions. The heavy snow

storms of the early part of the week and the heavy rain of Saturday kept people off the streets and there has been no transient trade. Prices on staple cut flowers continue to decline. Roses and carnations are both plentiful at low figures and violets are selling at the lowest figure of the season.

NOTES.

At the annual meeting of the board of trustees of the Massachusetts Agricultural College, January 3, it was recommended that appropriations be made for two new buildings for the horticultural department. A number of new greenhouses are also desired.

Thomas F. Galvin furnished the decorations for two large receptions at the Hotel Somerset the last week, one being the Gordon-Abbott hall, and the other the Mrs. W. B. P. Weeks reception.

Henry M. Robinson & Company report a good demand for smilax for use at receptions and dinner decorations.

HORTICULTURAL SOCIETY MEETING.

The Massachusetts Horticultural Society held its inaugural meeting of the year on Saturday, January 7. The reports of all the standing committees of the past year were read. The inaugural address was omitted, as the newly elected president, Arthur F. Estabrook, is at present in Porto Rico. The board of trustees also held the first meeting Saturday. The list of prizes and exhibitions to be held in the coming year will be announced within a few weeks. On Saturday, January 14, Merritt L. Fernald, of Cambridge, will deliver a lecture on "Some Newly Introduced Weeds."

The following is a list of members elected at this meeting: George E. Barnard, Ipswich; Henry E. Cobb of Newton; J. Morris Meredith, of Topsfield; E. Everett Holbrook, of Holbrook; Frank B. Bemis, of Beverly; Thomas D. Blake, of Brookline; C. Herbert Watson, of Brookline; William Allan Riggs, of Jamaica Plain; Walter I. Badger, of Cambridge; William Brewster, of Concord; Edwin S. Webster, of Chestnut Hill; Lawrence J. Webster, of Holderness; Robert Winsor, of Weston; Stedman Buttrick, of Concord; and the following, all of Boston: J. Livingston Grandin, Frederick L. Jack, Charles E. Stratton, Frank E. Peabody, Frank G. Webster, George H. Leonard, Frank W. Remick, Samuel Carr, Arthur S. Johnson, Wallace S. Pierce and Mrs. Ida F. Estabrook.

H. P. S.

Washington.

THE MARKET.

Another week of cold and stormy weather has not brightened the prospects of the growers. The production of cut flowers has been greatly curtailed, Bridesmaid roses being particularly scarce and all other stock affected. However, with a considerable supply coming in from other places, all the retailers have managed to fill their orders. The week has not been fruitful of large entertainments but there have been quite a number of small dinners and luncheons. The inclement weather caused a heavy falling off in counter trade.

FLORISTS' CLUB MEETING.

The regular monthly meeting of the Florists' Club, January 3, was very slimly attended, a nor'wester being out on a tear on that night. Aside from the appointment of a committee to arrange for the entertainment of the executive committee of the S. A. F. when it meets here in March, little business was trans-

acted. In this connection it may be proper to state in contradiction of rumors that have found circulation, that the Washington Florists' Club has made no attempt to usurp the functions of the executive committee. The chief desire of the officers and members of the club is to assist to their utmost in making the convention of next August a notable success.

NOTES.

Secretary W. J. Stewart, of the S. A. F., was in Washington January 7. A number of those who are deeply interested in the work connected with the coming convention, being anxious to have the benefit of his views on matters pertaining to the arrangements, he was invited to meet them in an informal way and talk it over. This he did and also in company with others visited one of the halls that has been suggested as a suitable place of meeting for the convention. Of the party were Vice-president Freeman, of the S. A. F., President Gude, of the Florists' Club, E. A. Mosley, F. K. Kramer, Peter Bisset, Z. D. Blackstone, W. H. Ernest and others. P. O'Mara, New York, was also a visitor during the week.

J. Louis Loose will hereafter dispense with horses in his delivery and set the pace with an automobile. He has ordered two, one for light and one for heavy delivery. In addition he will have a third, a touring car for use in his daily visits to his Alexandria greenhouses. J. Louis is a perfect cyclone when he gets warmed up to his work.

The bad weather has not affected the fine collection of pot plants at J. R. Freeman's Georgetown greenhouses. At this range he and his sons pay particular attention to the growing of lilies, cyclamens, primroses and ferns. One of the features is a nice forcing house for lily of the valley, of which they turn out a good quality.

Z. D. Blackstone had a dinner decoration at the home of Secretary of the Navy Morton, on New Year's day. The centerpiece was a floral battleship composed of cattleyas and cypripediums and lily of the valley. Mr. Blackstone is selling fine blooms of the new scarlet carnation, Victory.

Dauphin Brothers on the Falls Church road, Va., are sending in fine quality Lawson carnations.

S. E.

Baltimore.

THE MARKET.

Under the depressing influences of unfavorable weather, trade has languished for the past week, but had the demand been much better there were no cut flowers which could have met it. For clouds, fogs, sleets and low temperature we have had about four weeks of the cruelest experience of years. All kinds of roses, and American Beauty, especially, have been scarce in the better grades, but the inferior ones, like the poor, are always with us. Carnations, on the other hand, have been overabundant, and towards the close of the week were offered at bargain counter figures. Violets, like the elevator man, have their ups and downs, some days plentiful and others lacking. Prices all around are fairly maintained, but it is the scarcity of good stock rather than the necessities of the market that does it.

NOTES.

The annual meeting of the stockholders of the Florists' Exchange was held on Monday evening. This is the clearing house which effects exchanges between

the growers and dealers, and is practically the only place in this city where flowers are sold at wholesale. The sales made for the year show an increase of more than thirty per cent over those of the previous one. John J. Perry, under whose management the exchange has been for nearly two years has increased its trade and demonstrated its usefulness to both the producers of cut flowers and the stores which consume them. Other supplies, such as galax and other greens, are also handled.

The following were elected directors for the ensuing year: Edwin A. Seidewitz, Isaac H. Moss, F. G. Burger, F. C. Bauer, John M. Rider, William Lehr and Edward Akehurst. The board organized by electing John M. Rider, president, Edward Akehurst, secretary, and William Lehr, treasurer.

S. B.

Buffalo.

THE MARKET.

The rush of the holidays is past and retail trade has been very quiet since. The weather has not been conducive to good trade. Tulips and hyacinths are coming in and pans now are selling nicely as they are an agreeable change from the poinsettias and begonias. Harrisii are now quite plentiful. Carnations are equal to all demands. The storm of Thursday, Friday and on, until Sunday, has delayed all shipments from the east.

NOTES.

Between Christmas and New Year's Palmer, Anderson and Scott each had several receptions and weddings of large proportions and on January 2 about the largest reception of the season took place. The decorations consisted of Bride and Bridesmaid roses, Harrisii lilies, orchids, lily of the valley and American Beauty roses. It was handled by S. A. Anderson.

Now that the rush is over a meeting of the Florists' Club is in order, as considerable business of importance is awaiting the meeting. The preliminary list of Sweeney Company's spring show is out and no time should be lost in ratifying it. The annual election and banquet is awaited by many as we know of two who are training for the presidency.

Trustee Kasting of the German hospital was very prominent at a ball given by the institution last week.

Byrne Brothers are well satisfied with their venture in the greenhouse line and report good holiday trade.

Palmer & Son are making a fine show of their Red Lawson carnation.

H. Keitsch & Son in their new store had a fine holiday trade.

Wm. Scott is up and able to be around again.

Visitors to the trade have been scarce since New Year's, Harry Bunyard being one of them.

BISON.

Peoria, Ill.

Henry Baer has enlarged his range of carnation houses, making now a total of 25,000 feet. The houses are built on the short-roof construction plans. The varieties grown this season are Prosperity, Enchantress, Lawson, Nelson, Estelle, Lady Bountiful, Queen Louise, Gov. Wolcott and Hoosier Maid, which are all doing well. A new propagating house 15x125 feet has also been added with flat tile for the benches. This house and the range are heated by two Kroeschell hot water boilers. Mr. Baer has recently put into service a fine top wagon for delivery.

THE AMERICAN FLORIST

TWENTIETH YEAR.

Subscription, \$1.00 a year. To Europe, \$2.00.
Subscriptions accepted only from those
in the trade.

Advertisements, on all except cover pages,
10 Cents a Line, Agate; \$1.00 per inch.
Cash with Order.

No Special Position Guaranteed.

Discounts are allowed only on consecutive inser-
tions, as follows—6 times, 5 per cent; 13 times,
10 per cent; 26 times, 20 per cent;
52 times, 30 per cent.

Space on front pages and back cover page sold
only on yearly contract at \$1.00 per inch, net.

The advertising Department of the AMERICAN
Florist is for florists, seedsmen and nurserymen
and dealers in wares pertaining to those lines only.

Orders for less than one-half inch space not accepted.

Advertisements must reach us by Wednesday to
secure insertion in the issue for the following
Saturday. Address

AMERICAN FLORIST CO., Chicago.

When sending us change of address, always send
the old address at the same time.

THERE is a heavy and increasing demand
for cut Asparagus plumosus in bunches.

THE American Carnation Society's con-
vention and McKinley day make close
connection this season.

THE American Carnation Society is
offering six additional premiums in com-
petition at the Chicago exhibition,
including a silver cup. For particulars
see third column on this page.

PETER REINBERG, of Chicago, made his
first shipment of American Beauty roses
to New York last week, thus reversing
the route inconsiderably less than twenty
years, roses formerly having been shipped
to Chicago and the west from Boston
and other eastern cities.

Baby Rambler Roses for Easter.

ED. AM. FLORIST.—Please advise me
how to treat Baby Rambler roses to
have them in bloom for Easter. J. K.

I presume that "J. K." is referring to
dormant 1-year-old plants of Baby Ram-
bler rose. These should be potted into
4-inch pots, placed on a rather shady
bench in a temperature of 45°. In four
weeks you will begin to see the white
roots coming through; you may then
increase the heat to 50° and 55°, and in
two or three weeks of this temperature
they will be ready for more heat, 60° to
65°. After two or three weeks of this
treatment shift into large pots and give
a temperature of 65° to 70°. The plants
will be in full bloom fourteen to sixteen
weeks after the first potting up of the
dormant stock. You need not be afraid
of getting it into bloom too early, as this
rose will continue to flower profusely all
summer if kept in good growing condi-
tion, as every new shoot produces a clus-
ter of flowers. W.

Bougainvillea Sanderiana for Easter.

ED. AM. FLORIST.—What should be
done with Bougainvillea Sanderiana to
bloom for Easter? J. K.

Presumably the plants have been
treated correctly up to the present time,
that is they should have been well rested
or ripened, by being kept quite dry and
cool up to about eight weeks before the
time desired to have them in bloom.
After this increase the temperature to
55°, and generously syringe or spray the
foliage daily and water the plants at the
roots also. After a week or ten days in

the temperature of 55° increase the heat
gradually within the next three or four
weeks, until you have reached 70°; then
hold this temperature until the plants
are sufficiently in bloom, when the tem-
perature may be reduced five or ten
degrees which will be beneficial to the
lasting qualities of the stock, in harden-
ing it off after it has come into full bloom.
When the flowers begin to appear con-
tinue to water freely at the root, but the
spraying should be withheld, for no
blooms will stand water without dam-
aging results. WM. K. HARRIS.

Greenhouse Heating.

ED. AM. FLORIST.—What quantity of
two-inch pipe will be required to heat a
house 20x150 feet, the outside tempera-
ture seldom falling below zero? Also
advise about a saddle boiler capable of
heating 1,500 feet of four-inch pipe.
G. J. B.

The question does not state what tem-
perature is desired in the house nor does
it give any data regarding the amount
of glass and exposed wall surface. If
there is no glass in the side walls and
these are constructed in a thorough
manner of wood, a temperature of 60°
can be secured in zero weather by the use
of five 2½-inch flow pipes and fifteen two-
inch returns. If the returns are well
above the top of the boiler the flow pipes
may be placed under the benches, but the
best circulation will be secured if one is
placed upon each of the plates and the
others at the height of the purlins. In
selecting a boiler for heating a system
containing 1,500 feet of 4 inch pipe, it
would be well to allow about thirty per
cent over the nominal rating, which
would mean the selection of a boiler that
is rated about 2,000 feet of radiation.
Almost any of the standard hot water
saddle boilers will give good results.

L. R. T.

Meetings Next Week.

[Secretaries of societies are requested to send
us advance information of special meetings, and
of changes in dates of regular meetings.]

Boston, Mass.—Massachusetts Horti-
cultural Society, Horticultural Hall, Jan-
uary 21.

Boston, Mass.—Gardeners' and Flo-
rists' Club, Horticultural Hall, Tuesday
evening.

Detroit, Mich.—Florists' Club, Cowie
Building, Farran and Gratiot avenue, at
8 p. m., Wednesday.

Hamilton, Ont.—Gardeners' and Flo-
rists' Club, Tuesday at 8 p. m.

Indianapolis, Ind.—S. F. A. I. annual
meeting, Tuesday, January 17.

Montreal, Que.—Gardeners' and Flo-
rists' Club, Alexandria Rooms, 2204 St.
Catherine street, Monday.

Manchester, Mass.—North Shore Horti-
cultural Society, January 20.

New London, Conn.—Gardeners' and
Florists' Club, Tuesday, at greenhouses
of Secretary H. H. Appledorn.

New Haven, Conn.—New Haven County
Horticultural Society, January 17.

Oceanic, N. J.—Monmouth County Hor-
ticultural Society, January 20.

Richmond, Ind.—Florists' Club, Mon-
day.

San Francisco, Cal.—Pacific Coast
Horticultural Society, Monday.

Toronto, Ont.—Gardeners' and Flo-
rists' Club, St. George's Hall, Elm street,
January 17, at 8 p. m.

Worcester, Mass.—Worcester Horti-
cultural Society, January 19. Lecture on
"New Hampshire Out of Doors," by G.
H. Moses, illustrated by stereopticon.

On McKinley Day.

Date, January 29.
Subscribe to the Florists' McKinley
Memorial Fund.

Hang your certificate of subscription in
a conspicuous place.

Do not overcharge. Ask a moderate
price, thereby showing your participa-
tion in the day.

Cater to the children. High prices will
force the use of a tissue paper substitute,
in many cases.

Spread the fact that President McKin-
ley had no particular choice of color. He
wore from white to the deepest scarlet.
This is authentic.

If you feel unable to subscribe now, set
apart a fraction of a cent on each carna-
tion sold on McKinley day, or a percent-
age of your day's receipts and send to
the committee on the Florists' McKinley
Memorial Fund, H. M. Altick, Chairman,
Dayton, Ohio.

American Carnation Society.

We are in receipt of a supplementary
list of prizes to be offered in competition
at the Chicago exhibition, January 25
and 26, as follows:

Class K.—Silver cup to value of \$25
offered by Vaughan's Seed Store, Chicago,
for the best fifty blooms of an undissem-
inated variegated carnation—any color.

Class L.—Five dollars in cash offered
by A. Dietsch Company, Chicago, for
the best undisseminated seedling carna-
tion from the state of Illinois, not less
than twelve blooms to a vase.

Class M.—Ten dollars cash offered by
Baur & Smith, Indianapolis, Ind., for the
best fifty blooms of Carnation Indianap-
olis—this vase not to be in class B.

Class N.—John C. Moninger Company,
Chicago, offers as follows: Fifty crimson
—First prize, \$5; second prize, \$3. Fifty
yellow—First prize, \$5; second prize, \$3.
These vases not to be exhibited in class B.

Class O.—Silver cup to value of \$25
offered by the Foley Manufacturing Com-
pany, Chicago, for the best vase of 100
blooms, arranged for effect; foliage of
any kind allowed but no flowers except
carnations. Open only to retail florists.

SPECIAL NOTICE.

All cut flowers intended for exhibition
must be shipped by express, prepaid, and
addressed as follows:

**American Carnation Society,
care P. J. Hauswirth,
Auditorium Hotel,
Chicago.**

THE COMING MEETING.

As the time approaches for the annual
exhibition those most interested are
wondering what kind of weather we are
going to have. Until last year we have
generally been unfortunate in having a
blizzard come up just about the time the
distant exhibitors had started their
exhibits on the journey. After so many
experiences of this nature it was the con-
sensus of opinion that if the date of the
meeting was changed to March, instead
of February, at which time we would be
more likely to miss the blizzards and
strike a time when trains would more
likely be running on time, hence the
change of date of last year's meeting
being put off to March, which worked all
right, except that it was too late for
practical purposes. It was pointed out
that florists who buy new carnations
had already made up their minds what
varieties were the best and had placed

their orders a month or two in advance of the exhibition, only to be disappointed in some cases when they saw these varieties on exhibition, but declared they could not wait until the middle of March before placing their order, for it would be April or May before they could get their goods. Therefore, all looked back to the old date and upon reflection noted that we had the same bad weather conditions that year and thought best to try January 25 and 26 as an experiment. So here we are; regardless of weather there will be an exhibition. There are enough carnation growers from Ohio, Indiana, Michigan and Illinois to make one of the grandest exhibitions we have ever had, but what we want is a show from the whole of the United States and we'll have it, weather permitting. It behooves every exhibitor, however, to ship on time, rather twelve hours ahead than twelve minutes late on arrival. One of the successful exhibits the writer made was at the Philadelphia meeting. I arrived there with my blooms 8 p. m. the day before the show in a terrible snow storm, and at that, several hours late.

I listened to the advice of several experienced shippers, and did not unpack my flowers, as I had intended doing, but left them in the boxes all night. That made fifty-two hours for them out of water until the time of judging. Some growers not more than 100 or 200 miles from Philadelphia never had their flowers judged, owing to their being several hours late. It is the rule now to bar every exhibitor from competition who does not have his flowers staged promptly on time. That rule is enforced to the letter and the time this year is 1 p. m. January 25. This rule does not apply to varieties entered for the certificate of merit nor does it interfere with blooms staged and labeled "Not for competition." Everyone having the interest of the exhibition at heart hopes to see all exhibitors on time and no one disappointed. So say we all of us.

If you have not received the premium list, send to Albert M. Herr, Lancaster, Pa. He will send you one by return mail. You will find many classes that will interest you. There is a chance for everyone to win a prize of some sort; any variety can compete in the hundreds. Varieties introduced prior to July 1, 1903, can compete in fifties and varieties introduced prior to same date, 1902, can compete in the twenty-fives. Then there are the usual number of special prizes. These few remarks are intended for the new exhibitors and a reminder only for those who are already aware of the facts. You do not necessarily have to be a member of the society in order to exhibit, but I believe the entry fee charged for exhibits amounts to more than the membership dues, which are \$2.

I regret to report that owing to the illness of George Wienhoeber, who has been in the hospital for many weeks, we shall not have the pleasure of his paper—"Carnations from a Retailer's Point of View," with practical demonstrations of arrangements. Those who heard this progressive young gentleman's paper at Asheville, N. C., realize what we will miss.

JAMES HARTSHORNE, President.

PREMIUM LISTS.

H. Weber & Sons, of Oakland, Md., desire to have it announced that the premiums they offer in the premium list of the society for the vase each of Norway, Gov. Lowndes and Genevieve Lord scor-

ing the highest number of points, will be awarded to a vase in any of the class calling for fifty blooms or more, and need not be made a separate entry.

ALBERT M. HERR, Sec'y.

Trade Notes.

Arthur Cowee, of Berlin, N. Y., has just completed a new bulb house with storage capacity of 18,000 bushels which, with his other two houses, gives him a total storage capacity of 26,000 bushels. See illustration, page 1015.

Benjamin Hammond is mailing his customers a neat pocket diary containing an invitation to visit Mt. Beacon and some useful tables.

GLENWOOD, Ia.—Mrs. Whipple was unable to supply the holiday demands and finds that her establishment will have to be enlarged.

OBITUARY.

Amos Stuart.

Amos Stuart, of Richmond, Ind., father of J. S. Stuart, of Stuart & Haugh, Anderson, Ind., died January 8, in his ninety seventh year, having been born June 30, 1808, in Guilford county, North Carolina. He was born and lived in the friends denomination, was a farmer all his life until he retired on account of his great age, and was always a man of the most perfect rectitude, loved and honored by all. Of a family of thirteen children none were lost under forty years of age, and there still survive five boys and four girls. An especially noticeable fact is that besides his son, J. S. Stuart, engaged as a florist, he has three sons-in-law also connected with that profession, in the persons of E. G. Hill, of Richmond, E. Y. Teas, of Centerville, especially engaged in the bulb business, and W. P. Bundy, of Dunreith, Ind., a prosperous nurseryman. Of the four sons besides J. S. Stuart, one, Dr. J. H. Stuart, is a prosperous physician at Minneapolis, Minn., two, E. A., and R. A. Stuart, of Seattle, Wash., are engaged in the preparation of condensed milk, and L. B. Stuart, an extensive stock man of El Paso, Tex.

Mr. Stuart's loss will be greatly felt by his large circle of relatives and friends, but they are consoled by the thought that he has well rounded out a noble christian career. See portrait page 1014. H.

SITUATIONS, WANTS, FOR SALE.

One Cent Per Word.

Cash with Adv.

Plant Ads. NOT admitted under this head.

Every paid subscriber to the AMERICAN FLORIST for the year 1905 is entitled to a five-line WANT ADV. (situations only) free to be used at any time during the year.

Situation Wanted—By a practical florist; German, 15 years' experience. Best references if required. G. BANTEL, 4340 Chouteau Ave., St. Louis, Mo.

Situation Wanted—By sober, industrious young man, age 25; a good all-around experience. Good references. Private or commercial. State wages. Box 125, care American Florist.

Situation Wanted—By a sober, single, experienced florist. Capable to take charge of small commercial place. References. Address Box 122, care American Florist.

Situation Wanted—By a practical all-around grower to manage a small place. Middle-aged, single; state wages. Address Wm. KIRKHAM, 154 S. Clark St., Chicago.

Situation Wanted—By an experienced rose grower. Grower of roses, carnations and general stock. German, single, aged 32. Capable to take full charge. References. Address Box 121, care American Florist.

Situation Wanted—By competent florist, married. 25 years' experience as grower in all branches of the trade. References as to ability and character given. Address FLONIST, Box 72, Niles Center, Cook County, Ill.

Situation Wanted—By a florist of lifetime experience in roses, carnations, mums and general greenhouse stock; can superintend the building and equipment of greenhouses in the most modern style. English; 20 years in America. Address Box 117, care American Florist.

Help Wanted—Young man to learn the florist trade, from 15 to 18 years of age. Apply to JOHN L. WYLAND, De Haven, Pa.

Help Wanted—A good man for ferns, palms, bulbs, etc. Must be handy at storework if needed. H. F. HALL, 548 W. Madison St., Chicago.

Help Wanted—A florist for small retail place; age 30 to 40, German preferred. Good chance for the right man to work in as partner. Apply to Box 120, care American Florist.

Help Wanted—Good, reliable men to sell our high grade nursery stock. Pay weekly. Steady work. Apply to PROTECTIVE NURSERIES, Geneva, N. Y.

Help Wanted—Thoroughly competent young man to assist with growing, etc., in the carnation department. State age, experience and wages expected. Address Box 124, care American Florist.

Help Wanted—Assistant gardener who has had considerable experience with vegetables. Salary \$25.00 per month including room, board and laundry. Single man preferred. Address Box 123, care American Florist.

Help Wanted—A reliable working foreman to take charge of a medium sized commercial greenhouse to grow cut flowers and plants for a retail store. State wages. Address MRS. FRED. J. KING, Ottawa, Ill.

Help Wanted—At once; a good, willing, up-to-date florist, of good habits, for our new retail store and show rooms. Must be a strictly artistic flower worker in every way. This will be a good position for the right person. Address CHAS. T. SIEBERT, 165 Liberty Market, E. E. Pittsburgh, Pa.

Help Wanted—Working foreman for large commercial place, where the best of everything in cut flowers is grown. Only thoroughly competent man wanted. One who can handle a large amount of men successfully with the best results. Mr. Gasser will be at the Chicago Carnation Meeting where he can be seen or address THE GASSER CO., Euclid Ave., Cleveland, O.

Wanted To Rent—Or work a small place on shares. Thoroughly experienced in the business; good grower of cut flowers and plants. Address F. NORTH, 103 S. Gamble St., Shelby, O.

For Sale—One Kroeschell No. 2 hot-water boiler and pipe, from house, 20x200 feet. W. F. DUNTEMAN, Bensenville, Ill.

For Sale—Greenhouses; 7,000 feet of glass in good condition, stocked with roses, carnations, palms, etc., in southern Indiana. Last year's sales, \$5,000. Price, \$3,200. Don't write unless you mean business. For particulars and reasons for selling address Box 119, care American Florist.

For Sale—At a bargain; 2 greenhouses, 4,000 feet of glass, with mushroom cellars and sheds and two story dwelling house. All new and in first-class condition. Hot-water and steam heating. 10 miles from Chicago, near railroad; electric and surface lines, in new and fast growing suburban town with fine water and sewer system. Good home trade and two neighboring cemeteries to supply. Benches and mushroom beds in full bearing. Only reason for sale other important business. For further particulars address H. F. PORT, 4th Ave. and Harrison St., Maywood, Ill.

**AMERICAN
FLORIST
ADS**

Always do business
Week days and every day
Sundays and holidays
All over the country
At home and abroad

E. H. Hunt,

WHOLESALE

Cut Flowers

"THE OLD RELIABLE."

76 Wabash Ave.,CHICAGO.

Wholesale Flower Markets

| MILWAUKEE, Jan. 12. | |
|-------------------------------|--------------|
| Roses, Beauty, long, per doz. | 5.00 |
| " " med. " 2.00@ | 3.00 |
| " " short " 1.00 | |
| " Liberty..... | 5.00@ 12.00 |
| " Chateaux..... | 4.00@ 12.00 |
| " Bride, Bridesmaid..... | 3.00@ 10.00 |
| " Meteor, Golden Gate..... | 3.00@ 10.00 |
| " Perle..... | 3.00@ 8.00 |
| Carnations..... | 2.00@ 5.00 |
| Smilax..... | 12.50@ 15.00 |
| Asparagus..... | 2.00@ 3.00 |
| Valley..... | 3.00@ 4.00 |
| Adiantum..... | 1.00 |
| Violets..... | 50@ 1.00 |
| Callas..... | 12.50@ 15.00 |
| Romans, Paper Whites..... | 2.00@ 3.00 |
| Stevia..... | 1.50 |
| Harrisii..... | 10.00@ 15.00 |

| PITTSBURG, Jan. 12. | |
|------------------------------|--------------|
| Roses, Beauty, specials..... | 5.00@ 75.00 |
| " " extras..... | 30.00@ 40.00 |
| " " No. 1..... | 15.00@ 20.00 |
| " " ordinary..... | 6.00@ 10.00 |
| " " Bride, Bridesmaid..... | 4.00@ 18.00 |
| " " Meteor..... | 4.00@ 8.00 |
| " " Liberties..... | 8.00@ 20.00 |
| " " Kaiserin..... | 4.00@ 10.00 |
| " " Perle, Chateaux..... | 4.00@ 15.00 |
| Carnations..... | 1.00@ 5.00 |
| Lily of the valley..... | 3.00@ 4.00 |
| Smilax..... | 12.50@ 15.00 |
| Asparagus, strings..... | 25.00@ 50.00 |
| Asparagus Sprenger..... | 1.00 @ 3.00 |
| Lilies..... | 20.00@ 25.00 |
| Adiantum..... | 1.00@ 2.00 |
| Violets..... | 50@ 2.50 |
| Tulips..... | 3.00@ 5.00 |
| Paper White narcissus..... | 3.00@ 4.00 |
| Roman hyacinths..... | 1.00@ 4.00 |

| CINCINNATI, Jan. 12. | |
|---------------------------------|----------------|
| Roses, Beauty, per doz..... | 1.00@ 4.00 |
| " " Bride, Bridesmaid..... | 4.00@ 10.00 |
| " " Liberty..... | 8.00@ 15.00 |
| " " Meteor, Golden Gate..... | 8.00@ 12.00 |
| Carnations..... | 2.00@ 6.00 |
| Lily of the valley..... | 3.00@ 4.00 |
| Asparagus..... | 50 |
| Smilax..... | 10.00@ 12.50 |
| Adiantum..... | 1.00@ 1.50 |
| Callas..... | 10.00@ 12.50 |
| Asparagus Plumosus and Sprenger | |
| in bunches..... | .25c per bunch |
| Harrisii..... | 15.00 |

| ST. LOUIS, Jan. 12. | |
|----------------------------------|-------------|
| Roses, Beauty, long stem.... | 4.00@ 6.00 |
| " " medium stem 2.00@ | 3.00 |
| " " short stem... 50@ | 1.50 |
| " " Bride, Bridesmaid..... | 4.00@ 8.00 |
| " " Golden Gate..... | 4.00@ 8.00 |
| " " Liberty..... | 4.00@ 8.00 |
| " " Kaiserin..... | 4.00@ 8.00 |
| " " Meteor..... | 4.00@ 8.00 |
| Carnations..... | 2.00@ 5.00 |
| Smilax..... | 15.00 |
| Asparagus Sprenger..... | 1.50@ 3.00 |
| " Plumosus..... | 25.00@ 0.00 |
| Ferns, fancy..... per 1000, 1.75 | |
| Adiantum..... | 1.00@ 1.25 |
| Violets, California..... | .75@ 1.00 |
| " " Double..... | 1.00@ 1.50 |
| Lily of the valley..... | 3.00@ 4.00 |
| Romans..... | 3.00 |

| CLEVELAND, Jan. 12. | |
|-----------------------------|--------------|
| Roses, Beauty, per doz..... | 1.00@ 6.00 |
| " " Bride, Bridesmaid..... | 5.00@ 12.00 |
| " " Meteor..... | 5.00@ 12.00 |
| Carnations..... | 2.00@ 6.00 |
| Smilax..... | 10.00@ 15.00 |
| Asparagus, strings..... | 25.00@ 50.00 |
| " Sprenger..... | 1.00@ 2.00 |
| Galax..... | 1.00@ 1.50 |
| Common ferns..... | 1.50 |
| Violets, single..... | .50@ 1.00 |
| " " double..... | 1.50 |
| Paper Whites..... | 3.00@ 4.00 |
| Valley..... | 3.00@ 4.00 |

Johnny on the Spot.

WE handle your business and handle it quick—supply you with anything the market affords—at the right price and at the right time. An extra fine supply of Beauties, Tea Roses and Carnations. Wild Smilax in quantity. Fancy Ferns, absolutely the best in the market. Asparagus, Adiantum, Smilax, and in fact everything in the Cut Flower line.

J. B. DEAMUD,

PHONES { Central 3155.
Automatic 9922.

51 Wabash Avenue, CHICAGO.

Please mention the American Florist when writing.

CUT TULIPS AND NOVELTIES.

PITTSBURG'S LARGEST AND OLDEST WHOLESALE,

PITTSBURG CUT FLOWER CO., Ltd.

504 LIBERTY AVE.,

PITTSBURG, PA.

WANTED: CONSIGNMENTS OF HIGH GRADE CARNATIONS.

Please mention the American Florist when writing.

HOLTON & HUNKEL CO.,

Wholesale Cut Flowers

462 Milwaukee Street,

MILWAUKEE, WIS.

Please mention the American Florist when writing.

Michigan Cut Flower Exchange,

WM. DILGER, Mgr.

Fancy and Dagger Ferns.

All Cut Flowers in Season.

38-40 Miami Ave., DETROIT, MICH.

AMERICAN BEAUTIES.

Cut Roses—American Beauties and all kinds of Tea Roses at lowest prices. Trial orders solicited.

HELLER BROS., New Castle, Ind.
South Park Floral Company

....AN....

Indispensable Adjunct

TO a successful wholesale business is an up-to-date, accurate, complete Trade Directory. Such a book, 412 pages, containing the name and address of every florist, nurseryman and seedsman in America, horticultural supply concerns, leading foreign houses, and much other information will be mailed from this office on receipt of \$2.

AMERICAN FLORIST CO.

324 Dearborn St., CHICAGO, ILL.

GREEN GOODS

We are to be relied on to furnish finest strings of Asparagus and Smilax on shortest notice at any time. Just give us your orders and time to cut the stock. It will be there promptly.

All Cut Flowers in Season in large supply and best shipping quality.

FANCY VALLEY ALWAYS ON HAND.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St.,

Long Distance Telephones 1978 and 1977 Central.
7846 Automatic.

CHICAGO, ILL.

| American Beauty. | Per doz. |
|-----------------------------------|------------------------------|
| 30 to 36-inch stem..... | \$4.00 to \$5.00 |
| 24-inch stem..... | 3.00 |
| 20-inch stem..... | 2.50 |
| 15-inch stem..... | 2.00 |
| 12-inch stem..... | 1.50 |
| Short stem..... | .75 to 1.00 |
| Bride, Maid, Meteor and Gate... | Per 100 |
| Chatenay..... | \$4.00 to \$12.00 |
| Carnations..... | 6.00 to 15.00 |
| " large and fancy..... | 1.50 to 2.00 |
| "..... | 3.00 to 5.00 |
| Violets..... | .75 to 1.00 |
| Valley..... | 2.00 to 4.00 |
| Callas, per doz..... | \$1.50 |
| Paper Whites, Romans..... | 3.00 |
| Stevia..... | 1.50 to 2.00 |
| Tulips..... | 3.00 to 4.00 |
| Jonquils..... | 4.00 |
| Sweet Peas..... | 1.00 |
| Asparagus, per string, 35c to 50c | |
| Asparagus Sprengerii..... | 3.00 to 6.00 |
| Ferns..... | .25 |
| Galax..... | .15 |
| " per 1000, 1.25 | .75 |
| Leucothoe..... | 1.00 |
| Adiantum..... | 1.00 |
| Smilax..... | per doz., \$1.50 |
| Wild Smilax, 25 lb. cases..... | 3.00 |
| 35 lb. cases..... | \$4.00; 50 lb. cases, \$5.00 |

SUBJECT TO CHANGE WITHOUT NOTICE.

Bassett & Washburn

76 & 78 Wabash Ave., CHICAGO.

Wholesale Dealers and Growers of **Cut Flowers**

GREENHOUSES: HINSDALE, ILL.

D. WOOD BRANT,

SUCCESSOR TO BRANT & NOE FLORAL CO.

—Grower of—

CUT FLOWERS AT WHOLESALE.

Choice American Beauty Roses.
Prices reasonable.

Careful attention given shipping orders.

58-60 Wabash Ave., CHICAGO.

SINNER BROS.

Wholesale Growers and Shippers of **CUT FLOWERS**
58 WABASH AVENUE, CHICAGO, ILL.

With the Flower Telephone—
Growers' Co. Central 3067.
All telephone and telegraph orders
given prompt attention.

Vaughan & Sperry,

Wholesale Florists,

58 and 60 Wabash Ave., CHICAGO.

WRITE FOR SPECIAL PRICES.

It is good business policy
to mention the

American Florist

.....when writing to an advertiser.

Poehlmann Bros. Co.

Wholesale Growers of

and Dealers in **Cut Flowers**

All telegraph and telephone orders
given prompt attention.

Greenhouses: 35-37 Randolph Street,
Morton Grove, Ill. CHICAGO.

GEO. REINBERG,

Wholesale Grower of **Cut Flowers**

CHOICE AMERICAN BEAUTIES.

We will take care of your orders at reasonable prices. Prompt attention.

51 Wabash Ave., CHICAGO, ILL.

Wholesale Flower Markets

CHICAGO, Jan. 13.

| | |
|------------------------------------------|---------------------|
| Roses, Beauty, 30 to 36-in. stems | 4.00@ 5.00 |
| " 20 to 24 " " | 2.00@ 2.50 |
| " 15 to 18 " " | 1.25@ 1.50 |
| " 12 " " | 1.25 |
| " Liberty..... | 8.00@ 15.00 |
| " Chatenay..... | 8.00@ 12.00 |
| " Bride, Bridesmaid..... | 6.00@ 10.00 |
| " Meteor, Golden Gate..... | 6.00@ 10.00 |
| Carnations..... | 1.50@ 3.00 |
| " fancy..... | 4.00@ 5.00 |
| Valley..... | 2.00@ 4.00 |
| Violets..... | 1.00@ 1.50 |
| Asparagus Plumosus, per string 40 to 50c | |
| " sprays 2.00@ 6.00 | |
| " Sprengerii..... | 3.00@ 6.00 |
| Leucothoe sprays..... | .75 |
| Galax Leaves, Bronze, per 1000, 1.25 | .15 |
| " Green, " " | 1.00 |
| Adiantum..... | 1.00 |
| Fancy ferns..... per 1000 | 1.50@ 2.00 |
| Smilax..... | 12.00@ 15.00 |
| Callas..... | 1.25@ 1.50 per doz. |
| Paper Whites..... | 3.00@ 3.50 |
| Romans..... | 3.00@ 3.50 |

A Daily Cut From 40 Growers

We can and will fill your Cut Flower wants to advantage.

Plenty of BEAUTIES, MAIDS, BRIDES, etc. CARNATIONS, VIOLETS, etc. ALL GRADES.

Shipping orders our Specialty. Write, telephone or telegraph.

Long Distance Phone 1129 Main.

Headquarters for HARDY PERNS and WILD SMILAX.

Most Complete Line of

FLORISTS' SUPPLIES

IN THE WEST.

—CATALOGUE FREE.—

E. F. WINTERSON CO.

Established 1894.

45-47-49 Wabash Avenue, CHICAGO.

Flower Growers' Market.

60 Wabash Ave., CHICAGO.

Order your stock where it will be filled with care and dispatch. The most successful growers of cut flowers, are those who sell their own stock. Give us your **standing order.**

PERCY JONES, Manager.

WEILAND-AND-RISCH

CHICAGO'S RELIABLE

Wholesale Growers and Shippers of

CUT FLOWERS

59 Wabash Ave., CHICAGO.

Send for weekly price list.

WHOLESALE FLORISTS

J.A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and
Carnations
A Specialty....

WHOLESALE
GROWER OF

CUT FLOWERS

THE BENTHEY-COATSWORTH CO.

35 RANDOLPH ST.

WHOLESALE FLORISTS

CHICAGO.

The Leo Niessen Company

WHOLESALE FLORISTS

1217 Arch Street,

Store open from 7 A
M. to 8 P. M.

PHILADELPHIA, PA.

The Cleveland Cut Flower Company,

WHOLESALE CUT FLOWERS, FLORISTS' SUPPLIES, WIRE DESIGNS.

52 and 54 High Street,

CLEVELAND, OHIO.

BOSTON, MASS.

WELCH BROS.

15 Province Street.

All Varieties FLOWERS in Season. FANCY and DAGGER FERNS.

FLORISTS' SUPPLIES all kinds.

Long Distance Telephone, 6268-6267 Main.

—CUT STRINGS OF—

ASPARAGUS PLUMOSUS NANUS

First-class stock, running even and full, 50c each.

ASPARAGUS PLUMOSUS NANUS SEEDS.

These are the true variety, 75c per 100.

W. H. ELLIOTT, Brighton, Mass.

J. M. McCullough's Sons Co.

WHOLESALE FLORISTS

ALSO SUCCESSORS TO

THE CINCINNATI CUT FLOWER CO.

CONSIGNMENTS SOLICITED.

Special attention given to Shipping Orders.

316 WALNUT ST.

CINCINNATI, O.

Wholesale Flower Markets

BOSTON, Jan. 12.

| | |
|---------------------|-------------|
| Roses, Beauty, best | 60.00@80.00 |
| " " medium | 30.00@45.00 |
| " " culls | 6.00@8.00 |
| " Bride, Bridesmaid | 4.00@6.00 |
| " Extra | 8.00@12.00 |
| " Liberty | 1.00@8.00 |
| Carnations | 2.00@3.00 |
| " Fancy | 3.00@5.00 |
| Lily of the valley | 3.00@4.00 |
| Smilax | 8.00@12.00 |
| Adiantum | 1.00 |
| Asparagus | 35.00@50.00 |
| Violets | 1.00@1.50 |

PHILADELPHIA, Jan. 12.

| | |
|--------------------------|-------------|
| Roses, Tea | 8.00@10.00 |
| " extra | 12.00@15.00 |
| " Liberty | 8.00@35.00 |
| " Queen of Edgely, extra | 60.00@75.00 |
| " frsts. | 20.00@40.00 |
| " Beauty, extra | 60.00@75.00 |
| " frsts. | 20.00@40.00 |
| Carnations | 2.00@8.00 |
| Lily of the valley | 3.00@6.00 |
| Asparagus | 25.00@50.00 |
| Smilax | 12.00@15.00 |
| Violets, single | 7.00@1.00 |
| " double | 1.00@1.50 |
| Adiantum | 1.00@1.50 |
| Gardenias | .75 |
| Mignonette | 3.00@8.00 |

BUFFALO, Jan. 12.

| | |
|------------------------------|--------------|
| Roses, Beauty | 25.00@100.00 |
| " Bride, Bridesmaid, Meteor. | 6.00@18.00 |
| Carnations | 3.00@8.00 |
| Harrisii | 15.00@20.00 |
| Lily of the valley | 3.00@5.00 |
| Asparagus, strings | 40.00@50.00 |
| Smilax | 1.00 |
| Adiantum | .75@1.50 |
| Lilium Longiflorum | 15.00 |
| Violets | 1.50@2.50 |

Original Pioneer House—Established 1871.

JAMES HART

117 W. 30th St., NEW YORK.

Wholesale and Commission

Consignments solicited. Shipping orders promptly attended to. Phone 626 Madison.

N Y. CUT FLOWER EXCHANGE

Coogan Bldg., 6th Ave. & W. 26th St., New York.

Open for Cut Flower Sales at 6 o'clock Every Morning.

DESIRABLE WALL SPACE TO RENT FOR ADVERTISING.

JOHN DONALDSON, Secretary.

Pittsburg Florists' Exchange,

WHOLESALE FLORISTS

and Florists' Supplies.

228 Diamond St., PITTSBURG, PA.

Send for weekly price list and prices on large orders..

J. B. MURDOCH & CO.

WHOLESALE FLORISTS,

FLORISTS' SUPPLIES.

545 Liberty Ave., PITTSBURG, PA.

R. C. HAYDEN, Sec'y and Treas.

WM. J. MUTH, Manager.

PHILADELPHIA CUT FLOWER CO.

Wholesale Commission Florists

CHOICE BEAUTIES, MAIDS AND BRIDE ROSES,
FANCY CARNATIONS

AND ALL OTHER SEASONABLE FLOWERS.

1516-1518 Sansom Street,

Bell and Keystone Phones.
Open 7:30 a. m. to 8 p. m.

PHILADELPHIA, PA.

TOLEDO, O.—Rev. F. D. Kelsey, for eight years professor of botany and microscopy at Oberlin College, died January 5.

BERGER BROS. WHOLESALE FLORISTS.

Bell and Keystone 'Phones. 1220 Filbert Street, PHILADELPHIA.

THE RELIABLE Commission House,
Jos. S. Fenrich
 48 W. 30th St., NEW YORK.
 Telephone 326 Madison Sq.

YOUNG & NUGENT
 42 West 28th Street, Wholesale Florists.
 Telephone 2085 Madison Sq.

CATTLEYS, GARDENIAS, ROSES, CARNATIONS and all seasonable novelties. With our long experience in shipping, and competent assistants in our packing department, we are in a position to guarantee out-of-town customers who place their orders with us that they will not be disappointed.

Open
every day
at
6 a. m.

J. K. ALLEN,

Tel. 167
Madison
Square.

Wholesale Commission Florist,
 106 West 28th Street, NEW YORK.
 American Beauties, Orchids, Roses,
 Carnations, Violets, and Every Variety of
 CUT FLOWERS.

Telephone No. 756 Madison Square,



MOORE, HENTZ & NASH
 Wholesale Commission Florists.
 55 and 57 West 26th St. NEW YORK CITY.

Advice or sale note daily. Statement and check weekly. All consignments, large or small, receive the same attention. CORRESPONDENCE INVITED.

WHOLESALE WILLIAM GHORMLEY, COMMISSION

Daily Receiver and Shipper of Fresh Cut Flowers.

Orchids, Roses, Carnations, Valley, Lilies, etc.

Telephones 2200 and 2201 Madison Square.

57 West 28th Street, NEW YORK CITY.

JOHN YOUNG,

Special American Beauties,
 Surpassing Carnations,
 Lily of the Valley, Orchids
 and all Seasonable Flowers.
 51 West 28th St., NEW YORK.
 Telephone 1806 Madison Square.

THE RECOGNIZED HEADQUARTERS IN
 NEW YORK CITY FOR

Violets and Carnations

GROWERS and BUYERS make a note of this.
 It will be to your advantage.
WM. H. GUNTHER,
 80 West 29th Street, NEW YORK.
 Telephone 551 Madison Square.

THOMAS YOUNG, Jr.
 WHOLESALE FLORIST.

CHOICEST CUT FLOWERS.
 43 W. 28th St., NEW YORK CITY.

—FLOWERS SHIPPED BY—
John I. Raynor,

Are the best product of the best growers
 for the New York Market.
 ADIANTUM CROWEANUM sold here exclusively.
 49 W. 28th St., NEW YORK.
 Tel. 1998 Madison Square.

Walter F. Sheridan,

WHOLESALE FLORIST,
 Telephone 902 Madison Square.
 39 West 28th St., NEW YORK.

Choice Carnations.

Selected Roses.

Traendly & Schenck

NEW YORK CITY,
 44 W. 28th Street, Cut Flower Exchange.
 New Telephone No. 798 & 799 Madison Sq.

Wholesale Flower Markets

NEW YORK, Jan. 12.

| | |
|-----------------------------------|-------------|
| Roses, Beauty, best..... | 15 00@50.00 |
| " " medium..... | 3 00@10.00 |
| " " cul s..... | 1 00@2.00 |
| " Liberty, best..... | 10 00@25.00 |
| " " medium..... | 3 00@10.00 |
| " " culs..... | 2 00@3.00 |
| " Bride, Bridesmaid, G. Gate..... | 1 00@15.00 |
| " Kaiserin, Carnot..... | 1 50@10.00 |
| Carnations..... | 1 50@3.00 |
| " fancy and novelties..... | 3 00@6.00 |
| Lily of the valley..... | 1 00@4.00 |
| Lilies..... | 6 00@10.00 |
| Smilax..... | 5 00@10.00 |
| Adiantum..... | 10@.50 |
| Asparagus..... | 20 00@50.00 |
| Gardenias..... | 2 00@10.00 |
| Violets..... | 30@.75 |

Market very slow and not cleaning up to-day.

Charles Millang

WHOLESALE FLORIST.

Conservatory connected from which I can ship
 ferns and decorative plants promptly.

50 W. 29th St. NEW YORK.
 Tel. 3860 and 3861 Madison Square.

Receivers and Shippers of Cut Flowers.
 Consignments Solicited.
A. L. YOUNG & CO., Wholesale
 Florists,
 54 West 28th Street,
 Telephone 3559 Madison Sq. NEW YORK.

FORD BROS.

Receivers and Shippers of
Fresh Flowers
 111 West 30th St., NEW YORK.
 Telephones 3870-3871 Madison Sq.

REPRESENTING EMINENT GROWERS.

Julius Lang

53 West 30th Street, NEW YORK.
COMMISSION DEALER in FLOWERS
 TELEPHONE 280 MADISON SQUARE.

ALEX. J. GUTTMAN,
 Wholesale Commission Florist,

All varieties of Cut Flowers in season
 at right prices, and of the
BEST QUALITY.

52 W. 29th Street, NEW YORK CITY.
 Telephone 1664 and 1665 Madison Square.

THE
NEW YORK CUT FLOWER CO.

55 and 57 West 26th St.,
 WHOLESALE FLORISTS.
 Daily Reports. Weekly Payments.
 TELEPHONE J. A. MILLANG,
 756 Madison Sq. MANAGER.

CARNATIONS My Specialty.

CONSIGNMENTS SOLICITED.
 Prompt Payments. Established 1891.
Alfred H. Langjahr, 55 W. 28th St.
 New York.
 Telephone 3924 Madison Sq.

EDW. C. HORAN,

55 WEST 28TH STREET,

Telephone 421
 Madison Square.

.....NEW YORK.

CUT FLOWERS AT WHOLESALE.

CUT FLOWERS OR DESIGNS will be Delivered for the Trade on Wire or Mail Orders in Best Qualities and Prices:

NEW YORK.

Steamer Gifts

Orders for flowers in any form carefully filled and delivered by special messenger on board any steamer on day of departure from New York.

THOS. YOUNG, JR.
43 W. 28th St., NEW YORK CITY.

Please mention the American Florist when writing.

SAN FRANCISCO.

TELEPHONE MAIN 1023.

SIEVERS & BOLAND,
Floral Artists,

83 Post Street, SAN FRANCISCO, CAL.

INDIANAPOLIS.

Bertermann Bros. Co.,
FLORISTS,

241 Massachusetts Ave., INDIANAPOLIS, IND.
Please mention the American Florist when writing.

ST. LOUIS.

Fred. C. Weber,
FLORIST,

4320-4328 Olive St., ST. LOUIS, MO.
Established 1873. L. Dist. Phone Lindell 196 M.

DENVER.

The Park
Floral Co.

J. A. VALENTINE, DENVER, COLO.
Pres.

MILWAUKEE.

C. C. Pollworth Co.
MILWAUKEE, WIS.
Will take proper care of your orders in
WISCONSIN.

CHICAGO.

Established 1857.

The Geo. Wittbold Co.
1657 Buckingham Place, CHICAGO.

Growers and Importers. The oldest and leading house in Central and Western United States. Decorative plants a specialty. Mail and Wire Orders Get Prompt attention.

Palmer's
BUFFALO,
N. Y.

DETROIT.

JOHN BREITMEYER'S
SONS

Cor. MIAMI and GRATIOT AVES.
DETROIT, MICH.

Artistic Designs. ♦♦♦♦
High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Please mention the American Florist when writing.

CHICAGO.

P. J. HAUSWIRTH
Auditorium Annex,
CHICAGO.

Mail, telegraph or telephone orders filled promptly in best style.

OMAHA.

HESS & SWOBODA,
FLORISTS,

1415 Farnam Street, OMAHA, NEB.
Phone 1501 and L. 1682.

SPRINGFIELD.

Mark Aitken
FLORIST.

388 Main St., Springfield, Mass.

WASHINGTON.

Joseph R. Freeman,
FLORIST,

612 13th St. N.W., WASHINGTON, D. C.

ST. PAUL.

HOLM & OLSON,
ST. PAUL.

THE LEADING FLORISTS OF THE N. W.
Orders will be well cared for anywhere in Minnesota and the Dakotas.

CHICAGO.

TELEPHONES: Central 2851 Automatic 1038

JOHN MANGEL,
FLORIST,
Corner Wabash Ave. and Monroe St. CHICAGO.
Orders for Wedding Decorations, Receptions, Funeral Designs and Cut Flowers and Plants in every shape executed with care and despatch.
Leading Chicago Retailer.

MILLS THE FLORIST,
36 W. Forsyth Street,
JACKSONVILLE, FLA.

CHAS. CHADWICK,

COR. FULTON & LAGRAVE,

Grand Rapids, Mich.

WHOLESALE and RETAIL FLORIST.

High-Grade Cut Blooms.

Carnations, Roses, 'Mums, Violets, Etc.

Choice American Beauties a Specialty.

Artistic Designs on Short Notice.

Good Shipping Facilities to all Michigan Points.

—A TRIAL ORDER SOLICITED.—

JOHN WOLF,
Wholesale and Retail Florist,

SAVANNAH, GA.

Paper White Narcissus and
Roman Hyacinths.

[\$2.00 per hundred, in any quantity.]

Long Distance Telephone Connections.

LEIKENS

7 E. 33d St. Near New York City.
Waldorf-Astoria
Telephone No. 1417 Madison.

Telegraph Orders Faithfully Filled.
WE REACH ALL POINTS.

Orders for Baskets, Boxes, Designs, Steamers, Receptions, and from out-of-town Florists will receive personal and careful attention. We guarantee perfect satisfaction.

A. Gude & Bro.
FLORISTS

1214 F St., WASHINGTON, D. C.

SHIPPING LABELS FOR

...Cut Flowers

Printed in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Very attractive. Price per 500, \$2.85; per 1000, \$4.50. Send for samples.

ELECTRO OF THE LEAF, POSTPAID, \$1.25.

American Florist Co.,
CHICAGO.

BROCKTON, MASS.—Henry A. Abbott, aged 84, died December 26, 1904. Before locating in Brockton he was a prominent landscape gardener in Leominster, Pa. He served several terms as alderman in this city.

WHITE LILAC Extra Fancy Stock, \$1.50 per dozen.

If you want something choice try WHITE LILAC.

CARNATIONS. Fancy stock in all varieties.

ROSES. Maid, Bride; something choice.

A. L. RANDALL CO.

19 Randolph Street,

CHICAGO, ILL.

Please mention the American Florist when writing.

Wietor Brothers, 51 Wabash Avenue, CHICAGO.

WHOLESALE CUT FLOWERS.

—CURRENT PRICES. SUBJECT TO CHANGE.—

AMERICAN BEAUTY.

| | Per doz. |
|-------------------|------------------|
| 36-inch stem..... | \$4.00 to \$6.00 |
| 30-inch stem..... | 3.10 |
| 24-inch stem..... | 2.00 |
| 20-inch stem..... | 1.50 |
| 16-inch stem..... | 1.00 |
| 12-inch stem..... | .75 |

ROSES.

| | Per 100 |
|----------------------------|--------------------|
| Bride and Maid..... | \$ 6.00 to \$10.00 |
| Meteor and Gale..... | 6.00 to 10.00 |
| Liberty..... | 8.00 to 15.00 |
| CARNATIONS—Good stock..... | 2.00 to 3.00 |
| “ Large and fancy..... | 4.00 to 5.00 |

Please mention the American Florist when writing.

PETER REINBERG

51 Wabash Ave., CHICAGO.

Wholesale Cut Flowers

LARGEST GROWER
IN THE WORLD.

Price List.

| AMERICAN BEAUTIES— | Per doz. |
|-----------------------|-----------------|
| Extra Select..... | \$ 4.00 |
| 30-inch stems..... | 3.00 |
| 24-inch stems..... | 2.00 |
| 18-inch stems..... | 1.50 |
| 15-inch stems..... | 1.25 |
| 12-inch stems..... | 1.00 |
| Short stems..... | .75 |
| Per 100 | |
| LIBERTY..... | \$8.00 to 15.00 |
| CHATENAY..... | 8.00 to 12.00 |
| MAIDS AND BRIDES..... | 6.00 to 10.00 |
| PERLE..... | 6.00 to 8.00 |
| UNCLE JOHN..... | 6.00 to 12.00 |
| SUNRISE..... | 6.00 to 10.00 |
| CARNATIONS..... | 2.00 to 4.00 |

All flowers are perfectly fresh and properly packed.
No charge for P. & D. on orders over \$5.00.

Please mention the American Florist when writing.

HUTCHINSON, KANS.—John Stamm has a new office building and has made important additions and improvements.



FANCY CUT FLOWERS A SPECIALTY.

If you want Choice Cut Flowers at any time or all the time, send to

CHARLES W. McKELLAR,

51 Wabash Avenue, CHICAGO.

Western Headquarters for Choice

ORCHIDS, FANCY VALLEY, TULIPS and all BULBOUS STOCK, VIOLETS BEAUTIES, TEA ROSES, and CARNATIONS.
Wild Smilax, Asparagus, Adiantum, Smilax, Fancy Ferns always in abundance.
Also a complete line of all Florists' Supplies, Novelties and Wire Work.

LONG DISTANCE 'PHONE, CENTRAL 3598, AUTO. 3623.

Beauties,

ROSES, CARNATIONS, LILIES

—AND—

Cut Flowers of All Kinds.

Michigan Violets a Specialty

Grand Rapids Florists' Ass'n.

60 Wabash Ave., CHICAGO.

RICE BROTHERS

128 N. 6th St., MINNEAPOLIS, MINN.

Wholesale Cut Flowers and Supplies.

Wild Smilax | Flowers billed at Market Prices.
Shippers of choice Cut Flowers and Greens of all kinds. Try us.

Peter Weiland,

WHOLESALE FLORIST,

Room 18, 128 E. Third St., CINCINNATI, O.

Headquarters for

American Beauties and all leading varieties of
Roses and Carnations.

All flowers sold at prevailing market prices.

Orders received and filled at Greenhouses if
desired, by addressing

PETER WEILAND, New Castle, Ind.

Eine absolute Nothwendigkeit!

Hiermit \$1.00 für mein Abonnement.
Es ist die Pflicht eines Jeden prompt für
den „American Florist“ zu bezahlen, weil
dieser eine absolute Nothwendigkeit für
jeden Blumenzüchter ist.

Carl Roegner, Alabama.

KENNICOTT BROS. COMPANY

40-42-44 Randolph St., CHICAGO.

Our reputation has always been that we fill orders when others fail. All stock in season at Lowest Market Rates.

HIGH-GRADE SOUTHERN WILD SMILAX.SPECIAL FACILITIES FOR HANDLING LARGE ORDERS.
WRITE, WIRE OR PHONE.And Florists' Hardy Decorative Supplies,
Prices Right.**E. A. BEAVEN, - - Evergreen, Ala.****Meetings of Florists' Clubs.**

BALTIMORE, MD.—Gardeners' Club of Baltimore, Royal Arcanum building, 18 W. Saratoga street. Second and fourth Monday of each month, at 8 p. m. John J. Perry, Sec'y, 505 N. Eutaw street.

BOSTON, MASS.—Gardeners' and Florists' Club of Boston, Horticultural Hall. Meets third Tuesday of each month, October to March inclusive. W. E. Fischer, Sec'y, 18 Union Terrace, Jamaica Plain, Mass.

BUFFALO, N. Y.—Buffalo Florists' Club, 383 Ellicott street. Second Tuesday of each month, at 8 p. m. Wm. Legg, Sec'y, 1440 Delaware avenue, Buffalo.

BUTTE, MONT.—Montana Florists' Club, Columbia Gardens. Second Friday in each month. S. Hansen, Sec'y, W. Galena and Excelsior streets.

CHICAGO, ILL.—Chicago Florists' Club, Handel Hall, 40 Randolph street. Second and fourth Thursday of each month, at 8 p. m. George Wienhoeber, Sec'y, 413 Elm street, Chicago.

CINCINNATI, O.—Cincinnati Florists' Society, Jabez Elliott Flower Market. Second Saturday of each month, at 8 p. m. Geo. Murphy, Sec'y, Sta. F., Cincinnati, O.

CLEVELAND, O.—Cleveland Florists' Club, Progress Hall, 244 Detroit street. Second and fourth Monday of each month, at 7:30 p. m. Isaac Kennedy, Sec'y, West Park, O.

DAVENPORT, IA.—Tri-City Florists' Club, meets in Davenport, Rock Island and Moline, alternately, second Thursday of each month. H. Meyer, Rock Island, Ill., Sec'y.

DENVER, COLO.—Denver Floral Club, 323 Charles Block. Second and fourth Friday of each month, at 8 p. m. Adam Balmer, Sec'y.

DETROIT, MICH.—Detroit Florists' Club, Cowie Building, Farran and Gratiot avenue. First and third Wednesday of each month at 8 p. m. J. F. Sullivan, Sec'y, 214 Woodward avenue.

GRAND RAPIDS, MICH.—Grand Rapids Florists' Club, Board of Trade rooms, Pearl street. Fourth Monday of each month. N. H. Stover, Sec'y, Grandville, Mich.

HAMILTON, ONT.—Hamilton Gardeners' and Florists' Club, offices of members. First and third Tuesday of each month at 8 p. m. Chas. M. Webster, Sec'y.

HARTFORD, CONN.—Hartford Florists' Club. Second and fourth Friday of each month at 8 p. m. W. W. Hunt, 80 Ann street, Hartford.

INDIANAPOLIS, IND.—State Florists' Association of Indiana, Commercial Club rooms, Indianapolis. First Tuesday of each month, at 7:30 p. m. Fred. Huckriede, Indianapolis.

MADISON, N. J.—Morris County Gardeners' and Florists' Society, Masonic Hall. Second Wednesday of each month at 7:30 p. m. in winter. S. Redstone, Sec'y.

MILWAUKEE, WIS.—Milwaukee Florists' Club. Meets first Tuesday of each month in Empire Building, West Water and Grand ave. H. V. Hunkel, Sec'y, 462 Milwaukee street.

MINNEAPOLIS, MINN.—Minneapolis Florists, Latham's Conservatory, 83 S. Tenth Street. First Friday of each month, at 8 p. m. R. A. Latham, Sec'y.

MONTREAL, QUE.—Montreal Gardeners' and Florists' Club, Alexandria rooms, 2204 St. Catherine street. First and third Monday of each month. W. H. Horobin, Sec'y, 23 Closse street.

NEW BEDFORD, MASS.—New Bedford Florists' club, second Thursday of each month. Wm. P. Pierce, Sec'y.

NEW LONDON, CONN.—Gardeners' and Florists' Club, first and third Tuesday of each month at greenhouses of secretary. H. H. Appeldorn, Sec'y.

NEW YORK, N. Y.—New York Florists' Club, Grand Opera House Bldg., 8th avenue and 23d St. Second Monday of each month, at 7:30 p. m. John Young, Sec'y, 51 West Twenty-eighth street, New York.

OMAHA, NEB.—Nebraska Florists' Society, City Hall. Second Thursday in each month at 8 p. m. Louis Henderson, Sec'y, 1519 Farnam street, Omaha.

PHILADELPHIA, PA.—Florists' Club of Philadelphia, Horticultural Hall, Broad street above Spruce. First Tuesday of each month, at 8 p. m. Edwin Lonsdale, Sec'y, Wyndmoor, Philadelphia.

PITTSBURG, PA.—Pittsburg and Allegheny Florists' and Gardeners' Club, 422 Sixth Avenue. Second Thursday of each month, at 8 p. m. H. P. Joslin, Sec'y, Ben Avon, Pa.

PROVIDENCE, R. I.—Florists' and Gardeners' Club of Rhode Island, 96 Westminster street, Providence. Second Thursday of each month, at 8 p. m. Wm. E. Chappell, Sec'y, 333 Branch avenue, Providence.

RICHMOND, IND.—Richmond Florists' Club, at the greenhouses of members. Third Monday of each month. H. C. Cheasman, Sec'y.

SALT LAKE CITY, UTAH.—Salt Lake Florists' Society, office of Uddart Floral Company, 214 E. Second South street. Second and fourth Friday of each month. P. T. Uddart, Sec'y.

SAN FRANCISCO, CAL.—Pacific Coast Horticultural Society. First Saturday and third Monday of each month. Thos. H. Munroe, Sec'y.

HARDY CUT DAGGER AND FANCY FERNS.

We carry the finest and most complete line of Decorative Evergreens and Florists' Supplies. Our specialties are **DAC-CER**, \$1.50 and **FANCY FERNS**, All quality, \$1.50 per 1000. Discount on larger orders. **BRILLIANT BRONZE** and **GREEN GALAX**, \$1.00 per 1000. Laurel festooning good and full, handmade 50 and 60 per yd. Green and Sphagnum Moss, \$1.00 per bbl. Sphagnum Moss, 50c per bag; 5 bags, \$3.00. Ivy Leaves, \$4.00 per 1000. Sprenger, 25c and 50c per bunch. Asparagus Plumosus, 50c per bunch or string. Leucothoe Sprays, \$1.00 per 100; \$7.50 per 1000.



We also carry a full line of Florists' Supplies such as Tin Foil, Cut Wire, Corrugated Boxes, all sizes, Folding Boxes, Ribbons, all sizes and colors, Koral Letters, Block Letters, Wire Designs, Cycas Leaves, Etc., Etc. Our stock is of the best quality and at the most reasonable rates. Please write for our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.

HENRY M. ROBINSON & CO., L. D. Phone 2618 Main. 8 and 11 Province St., Boston, Mass.**N. Lecakes & Co.**

53 W. 28th St., New York.

Tel. No. 1214
Madison Square

Stands at Cut Flower Exchange Coogan Bldg., W. 26th Street & 34th Street Cut Flower Market. Specialties: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine and all kinds of Evergreens.



Green and Bronze Galax Leaves, 75c per 1000.

**HARDY CUT FERNS**

Fancy or Dagger, \$1.25 per 1000. Cash with all orders. Fine Sphagnum Moss, 65c per bbl. Laurel Roping in abundance, \$4.50 per 100 yards. All orders by mail, telephone or dispatch promptly attended to.

THOMAS COLLINS, HINSDALE, MASS.**GEORGE COTSONAS & CO.,**

Wholesale and Retail Dealers in all kinds of

EVERGREENS.

Fancy and Dagger

Ferns, Bronze and

Green Galax.

Phone 1202 Mad. Sq.

MAIN STORE, 45 W. 29th St., NEW YORK.

BRANCH, 55 W. 28th St.,

**THE KERVAN COMPANY,**

WHOLESALE DEALERS,

All Decorating Evergreens, Galax, Leucothoe, Mosses, Etc.

20 W. 27th Street, NEW YORK.

TELEPHONE 1519 MADISON Sq.

—GREEN AND BRONZE—

Galax Leaves.Fresh gathered, \$3.00 per case of 5,000.
Cash with order.**HALL & JONES COMPANY,**

BLOWING ROCK, NORTH CAROLINA.

SEATTLE, WASH.—Seattle Commercial Horticultural Club, First and Cherry streets. At call of the president. Wm. Hopkins, Sec'y, Fifth and Galer streets.

ST. LOUIS, MO.—St. Louis Florists' Club, Odd Fellows Hall No. 2, Ninth and Olive streets. Second Thursday of each month, at 2 p. m. Emil Schray, Sec'y, 4101 Pennsylvania avenue, St. Louis.

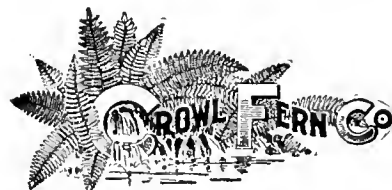
TORONTO, ONT.—Toronto Gardeners' and Florists' Association, St. George's Hall, Elm street. Third Tuesday of each month, at 8 p. m. E. F. Collins, Sec'y, 2 Hurst place, Toronto.

UTICA, N. Y.—Utica Florists' Club, 183 Genesee street. First Thursday of each month at 8 p. m. J. C. Spencer, Sec'y.

WASHINGTON, D. C.—Washington Florists' Club, Schmidt's hall, 516 Ninth street, N. W. Meets first Tuesday in each month. Peter Biset, Sec'y.

HARDY CUT FERNS.

Fancy or Dagger Ferns, \$1.25 per 1000. Galax, Brilliant Bronze or Green, 75c per 1000; \$8.50 per case of 10,000. Laurel festooning, hand-made, full sizes, 4c, 5c and 6c per yd. Made fresh daily from the woods. Send us your **CHRISTMAS** orders now and we will please you. Branch **Laurel**, 35c per large bundle. **Southern Wild Smilax**, per 50-lb. case, \$5.50. **Laurel Wreaths** and **Princess Pine Wreaths**, made all sizes and prices. **Princess Pine** by the lb. and made into roping. Tell us your wants and we will name you prices.



Tel. Office, New Salem, Mass. Millington, Mass.

HEADQUARTERS FOR**"SUPERIOR QUALITY"**

BRAND

Wild SmilaxALWAYS ON HAND, AND
IN ANY QUANTITY.**NONE BETTER.****E. F. WINTERSON CO.,**45-47-49 Wabash Avenue,
CHICAGO.**GALAX, FERNS, ETC.**

| | | |
|------------------------------|---|-----------------|
| Bronze Galax..... | @ | 60c per 1000 |
| Green Galax..... | @ | 60c per 1000 |
| Cut Fancy Ferns..... | @ | \$1.00 per 1000 |
| Cut Dagger Ferns..... | @ | 1.00 per 1000 |
| Cut Leucothoe Sprays..... | @ | 3.00 per 1000 |
| Cut Rhododendron Sprays..... | @ | 4.00 per 1000 |

First-class and fresh from patch. Cash with order.

J. N. PRITCHARD, Elk Park, N. C.**FOR SOUTHERN WILD SMILAX**

(Where quality is First Consideration)

Write, Wire or Phone the Introducers,

Galdwell The Woodsman Co., Evergreen, Ala.

**New Crop Southern Wild Smilax
now ready in limited quantities.****GALAX LEAVES AND
Leucothoe Sprays.****J. G. LOVEN. Montezuma, N. C.**

DREER'S SUMMER FLOWERING BULBS.

The Begonias and Gloxinias offered by us are the best which skill and careful selection can produce, they are grown for us by one of the most expert European specialists.

Tuberous Rooted Begonias.

Single Flowered, Scarlet, Crimson, White, Yellow, Rose and Orange, 40c per dozen; \$3.00 per 100; \$25.00 per 1000.

Choice Single Flowered in Mixture, 35 cents per dozen. \$2.50 per 100; \$22.00 per 1000.

Double Flowering, Scarlet, Rose, White and Yellow, 65 cents per dozen; \$5.00 per 100; \$40.00 per 1000.

Choicest Double Flowering in Mixture, 50 cents per dozen; \$4.00 per 100; \$35.00 per 1000.

New Hybrid Frilled Tuberous Begonias.

A most unique form with flowers of immense size, with wavy or frilled petals similar to the best forms of single petunias, 25c each. \$2.50 per doz.; \$20.00 per 100.

Gloxinia Crassifolia Grandiflora.

A very fine selected strain, strong, well-matured bulbs, Red, White, Blue, Red with white border, Blue with white border, in separate colors or in choicest mixture, 50c per dozen; \$4.00 per 100; \$35.00 per 1000.

Fancy Leaved Caladiums.

A choice selection of 25 distinct named varieties, fine large bulbs, \$1.25 per dozen; \$10.00 per 100. Choice mixed varieties, \$1.00 per dozen; \$8.00 per 100.

Our Quarterly Wholesale List has just been issued and offers a full line of seasonable Plants, Seeds and Bulbs.



HENRY A. DREER, Philadelphia, Pa.

Please mention the American Florist when writing.

ASTERS

THE TWO NEW VARIETIES:

Benthey's White

Benthey's Pink

These two varieties will produce more first-class salable flowers than any aster now in commerce. They are branching varieties, producing flowers from three to five inches in diameter on fine, stiff stems from thirty to forty inches in length, with extra heavy foliage. They are pronounced by both grower and consumer the finest Asters ever seen in Chicago, and were the favorite Asters in the Chicago and St. Louis markets the past season, and wherever shown they were termed the best ever.

PRICE LIST: Trade Package, white or pink, \$1.00; 1-4 oz., white or pink, \$2.50
1-2 oz., white or pink, : : : 4 50; 1 oz., white or pink, : 8.00

For Further Information write

The Benthey-Coatsworth Co., Wholesale Florists, 35 Randolph St., CHICAGO.

Please mention the American Florist when writing.

THE Gardeners' Chronicle.

A Weekly Illustrated Journal.

ESTABLISHED 1841.

The GARDENERS' CHRONICLE has been for OVER SIXTY YEARS THE LEADING JOURNAL of its class. It has achieved this position because, while specially devoting itself to supplying the daily requirements of gardeners of all classes, the information furnished is of such general and permanent value that the GARDENERS' CHRONICLE is looked up to as the STANDARD AUTHORITY on the subjects of which it treats.

Subscriptions to the United States, \$1.20 per year. Remittances to be made payable to H. G. COVE.

OFFICE:—

41 Wellington St., Covent Garden, London, England.

CARL BECK & CO.

SEED MERCHANTS AND SEED GROWERS.

QUEDLINBURG, (Germany.)

Mangel Wurzel and Sugar Beet Seeds
A SPECIALTY.

We offer an immense stock of all seeds at moderate prices, to the trade only. General Catalogues free on application. English Correspondence.

SPECIAL PRICES FOR LARGE QUANTITIES ON DEMAND.

Telegram Address: SAMENEXPORT, Quedlinburg.—



PLEASE RENEW YOUR SUBSCRIPTION NOW.

The Seed Trade.

AMERICAN SEED TRADE ASSOCIATION.

Chas. N. Page, Des Moines, Ia., Pres.; L. L. May, St. Paul, Minn., First Vice-Pres.; C. E. Kendel, Cleveland, O., Sec'y and Treas. Twenty-third annual convention, June, 1905.

PESSIMISTIC potato prophets predict poor prices.

THREE kinds of Early Adams corn in one catalogue. What does Wm. Meggat say to that?

THE Bermudian, a new steamer in the New York-Bermuda trade, started on her first trip January 7.

SOME interesting comments on variety tests, by W. W. Tracy and L. C. Corbett, will be found on page 1011.

PROPHETS are already out with predictions as to the market price of bulbs, although many of the kinds mentioned are not yet above ground.

A. G. LEIGHTON, seed grower of Newcastle, Staffordshire, Eng., says the season was never better for the saving of seed of good British samples.

SAN JOSE, CAL.—The Braslan Seed Growers' Company has purchased the Snell ranch of 657 acres, six miles from the center of the city, for seed growing purposes.

ST. JOSEPH, MO.—An involuntary petition in bankruptcy has been filed against the Missouri Valley Seed Company. The assets are estimated at \$5,000, with liabilities approximating \$20,000.

THE Department of Agriculture has issued a circular stating that samples of alfalfa seed were solicited from 742 seedsmen last year for testing, and that twenty-three adulterated lots were obtained from eight seedsmen whose names are given.

THE Leonard Seed Company, of Chicago, has issued an attractive general catalogue for the use of those merchants who handle their seeds in the smaller country towns. A blank space is left on the back cover page for the name of merchant using the catalogue.

HARRISBURG, PA.—The Holmes Seed Company was visited January 4 by fire, which damaged several thousand dollars worth of seeds. As the firm has a large stock on hand and is now shipping contract orders it is fortunate that the damage was so slight. The property, however, is fully protected by insurance.

THE executive committee of the American Seed Trade Association met at the Grand hotel, Cincinnati, O., January 10 and decided to hold the next convention at Alexandria Bay, N. Y., June 20-22. President C. N. Page, A. H. Goodwin, G. B. McVay, J. Chas. McCullough, J. M. McCullough, J. G. Peppard and Secretary C. E. Kendel were in attendance. Hotel arrangements will be announced later.

Boston.

During the past week or ten days many shipments of foreign seeds have been received. One or two of the houses have already received all their flower and vegetable seeds ordered from abroad and have engaged extra help to prepare them for the spring trade. While some of the foreign seed contracts have been filled in

full, there are a few varieties of cabbage and beet seed of which only a small percentage is being supplied, but with these few exceptions the stock is coming in good shape and quantity.

There have been quite a number of early orders placed for seed during the past week. A great many of the florists who raise bedding plants have already got their seed beds into shape and are looking for a larger trade than ever in



The Late J. M. Kimberlin.
(See page 987, issue of January 7.)

this line this season. The local market gardeners report that the winter crops so far this year are doing better than for the last few years. Lettuce is selling at a good price and good celery is scarce.

The weather for the past week in Boston has been the worst so far this winter. The first of the week we were treated to sleighing weather; the middle of the week it was cold enough to stay indoors, the thermometer being near zero, and on Saturday the early risers were compelled to hire ferry boats and charter row boats to cross the city, for we had one of the most severe rain storms known for a long time, and it turned the streets into a sea of slush. At present writing the weather is all one can wish for.

Peter Miller, formerly of Steele, Briggs & Company, Toronto, Ont., is now with Joseph Breck & Sons, where he is pleased to renew old acquaintances made some years ago in this city. He promises to treat his friends as courteously and with the same consideration as in the past.

W. W. Rawson is receiving congratulations and best wishes from his many friends and associates in the trade upon his election to the governor's staff of Massachusetts, having been elected as councillor in the fall election.

Word has been received from James Farquhar, who recently sailed for Porto Rico, to the effect that he reached there safely. He reports considerable progress in the raising of his new lily.

We are glad to see A. F. Barney, of Schlegel & Fottler Company, back at his desk again; he was absent for a week with a very severe cold.

John Clark, formerly of Joseph Breck & Sons, is now with the George A. Weaver Company, of Newport, R. I.

Warren W. Rawson.

Warren W. Rawson, the well known seedsman, of Boston, Mass., recently elected councillor to Governor Douglas, was installed January 5 for the term of one year. He carried his district by the largest majority ever given a candidate for the same office.

Mr. Rawson was born in Arlington, Mass., January 23, 1847, the son of the late Warren Rawson, a prominent agriculturist of that beautiful, progressive and historic town.

After receiving his education in the Arlington schools and the academy, he entered upon a business course at a well-known commercial college, subsequently receiving instruction in music and elocution and becoming a well versed parliamentarian by reason of close attention to the study of parliamentary law.

Early in life he succeeded his father in the market garden business with increasingly pronounced and advanced efforts, until now he is considered the leading man in his line in the country. That he is held in high esteem by his business associates is evident by the many positions he has held in the council of their affairs, and in the many high positions he has filled as president of organizations in the horticultural field.

As a citizen of Arlington his reputation is equally noteworthy, having been moderator of a dozen years' unbroken record, a member of the school board for twelve years, of the sewerage commission of the town for a long period, and in various other capacities where he has had abundant opportunity to display his honesty, ability, broad-mindedness, and interest in the affairs of his native town.

Notwithstanding the fact that Mr. Rawson is a very busy man, he has found time and inclination to unite his interests with those of others in a fraternal way, and he is associated with Masonic and Odd Fellows' organizations in the highest degrees of those eminent orders.

Mr. Rawson's home life surpasses in importance to him all other interests, and his fine estate is a monument to his love of home and nature. His family consists of a wife and three children, a son, Herbert W., now associated with him in business, being a graduate of Cornell University.



Warren W. Rawson.



NEW CROP FLOWER SEEDS

FOR PRESENT SOWING.

10 PER CENT SPECIAL CASH DISCOUNT. On orders over \$2.00 for Flower Seeds if the cash is enclosed. This discount does not apply to Asparagus Seed. Cash discount on this is 2 per cent.

We are HEADQUARTERS for Greenhouse Grown Seed of
ASPARAGUS PLUMOSUS NANUS.

Asparagus Plumosus Nanus.

| | Trade Pkt. | Oz. |
|--------------------------------------------------------------------------------------------------------|-------------|-----|
| Ageratum, Imperial Dwarf, blue..... | .10 | .25 |
| Imperial Dwarf, white..... | .10 | .25 |
| Blue Perfection, dwarf..... | .10 | .30 |
| Princess Pauline, fine for pots..... | .10 | .30 |
| Princess Victoria Louise, new, beautiful blue and white flowers, plants compact and free-blooming..... | .10 | .60 |
| Alyssum Sweet..... | lb., \$1.25 | .15 |
| Alyssum Little Gem..... | lb., \$3.50 | .15 |
| Ampelopsis Veitchii..... | lb., \$1.00 | .15 |

ASPARAGUS PLUMOSUS NANUS.

New Crop, Greenhouse Grown Seed, per 100 seeds, 75c; 250 seeds, \$1.50; 1000 seeds, \$5.00.

Plumosus Robustus, new, per 100 seeds, \$1.00; 1000 seeds, \$10.00.

Sprengeri, 100 seeds, 15c; 1,000 seeds, 75c; 5,000 seeds, \$3.25.

Write for prices on larger lots on above three.

Decumbens, 100 seeds, 50c; 1,000 seeds, \$4.00.

Comorensis, per 100 seeds, \$1.25; 1,000 seeds, \$10.00.

ASTERS.

| | Trade Pkt. | 1/4 Oz. | Oz. |
|--------------------------|-------------|---------|---------|
| Queen of the Market..... | lb., \$5.00 | .10 | .20 .50 |
| White..... | lb., 5.00 | .10 | .20 .50 |
| Pink..... | lb., 6.00 | .10 | .20 .50 |
| Scarlet..... | lb., 6.00 | .10 | .20 .50 |
| Light blue..... | lb., 5.50 | .10 | .20 .50 |
| Dark blue..... | lb., 5.50 | .10 | .20 .50 |
| Mixed..... | lb., 4.25 | .10 | .15 .40 |

Branching or Sample,

| | Trade Pkt. | 1/4 Oz. | Oz. |
|--------------------|-------------|---------|---------|
| White..... | lb., \$5.00 | .10 | .20 .50 |
| Rose pink..... | lb., 5.00 | .10 | .20 .50 |
| Lavender..... | lb., 6.00 | .10 | .20 .50 |
| Red..... | lb., 6.00 | .10 | .20 .50 |
| Purple..... | lb., 6.00 | .10 | .20 .50 |
| Light blue..... | lb., 5.50 | .10 | .20 .50 |
| Daybreak pink..... | lb., 5.50 | .10 | .20 .50 |
| Mixed..... | lb., 4.25 | .10 | .15 .40 |

Trade Pkt. 1/4 Oz. Oz.

Vaughan's Upright White Branching.....

Vaughan's Upright Pink Branching.....

Balsam, Alba Perfecta. This is the largest and best double white.....

Begonia Vernon.....

Begonia Vernon.....

Begonia Vernon.....

Begonia Vernon.....

Begonia Vernon.....

Begonia Vernon.....

Begonia Vernon.....

Begonia Vernon.....

Begonia Vernon.....

Begonia Vernon.....

Begonia Vernon.....

Begonia Vernon.....

Begonia Vernon.....

Begonia Vernon.....

Begonia Vernon.....

Begonia Vernon.....

Begonia Vernon.....

Begonia Vernon.....

Begonia Vernon.....

Begonia Vernon.....

Begonia Vernon.....

Begonia Vernon.....

Begonia Vernon.....

Begonia Vernon.....

Begonia Vernon.....

Begonia Vernon.....

Begonia Vernon.....

Begonia Vernon.....

| | Trade Pkt. | Oz. |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------|
| Centaurea Candidissima (Dusty Miller) 1,000 seeds..... | .25 | 1.70 |
| Centaurea Gymnocarpa..... | lb., \$2.75 | .30 |
| Clematis Paniculata, white, sweet scented..... | lb., \$1.50 | .15 |
| Cineraria Maritima "Diamond." This is one of the finest foliage bedding plants. The leaves are broad, snow-white and lasting. Superior to the older varieties..... | 1/4 oz., 60c | .15 |
| Cineraria Maritima Candidissima..... | .10 | .20 |
| Cobaea Scandens..... | .10 | .40 |
| Alba..... | .15 | .60 |
| Coleus, Mammoth Rainbow Mixture, a very fine mixture..... | 1-32 oz., 50c | .20 |
| Coleus, Large Leaved Sorts, extra choice mixed..... | .20 | |

VAUGHAN'S GIANT-FLOWERED CYCLAMEN.

| | |
|----------------------------------------|---------------------------|
| Pure White (Mont Blanc) | 100 seeds, 65c |
| Dark Crimson | 1000 " \$5.00 |
| Rosa von Marienthal, "Daybreak" | 250 seeds of any one kind |
| Dark Rose | at the 1000 rate. |
| White with Carmine Eye | |
| Rubin, darkest red, 100 seeds, \$1.50. | |

DAHLIA, Burbank's Selection. The seed we offer is of L. Burbank's own saving, and he writes: "This seed will produce a greater proportion of large, clear, bright colored, perfect double flowers than any ever before offered; 90 per cent of good flowers can be expected." Blooms the first year from seed. Pkt. (100 seeds) 50c. Trade Pkt. Oz.

DAISY, Non Plus Ultra, best white.....

Dracaena Indivisa.....

New Shasta Daisies.....

Vaughan's Early and Late Flowering Forget-me-not.....

Garanium, Apple-scented, 200 seeds, 25c; 1,000 seeds, \$1.00.

Gloxinia Hybrida, Vaughan's Columbian Mixture, Pkt. (1,000 seeds) 50c; 3 pkts. for \$1.25.

Crevillea Robusta (Silk Oak).....

Heliotrope, Lemoine's Giant,.....

IPOMEA Noctiflora, Moonflower.....

White seeded.....

New Hybrid, blooms early.....

Lemon Verbena.....

Linaria (Keritworth Ivy).....

Lobelia, Crystal Palace Compacta.....

Speciosa, dark flowers and foliage for hanging baskets.....

Emperor William, dwarf.....

Bedding Queen.....

Matricaria Capensis fl. pl. Double White Feverfew.....

Maurandya, Mixed.....

Giant blue.....

Mimulus (Musk Plant).....

Musa Ensete. 100 seeds, \$1.00.

Nicotiana Sanderae, with large bright Tr. pkt. carmine flowers.....

Pandanus Urtica, 100 seeds, \$1.00.

PANSIES.

Vaughan's Up-to-Date "International"

Received the only reward for Mixed Pansies at the World's Fair. It is to-day better and more complete than ever. It contains the cream of the stock of 10 Pansy Specialists. There is no better mixture in existence, as all the florists who saw or used it can tell you. Price per oz., \$10.00; 1/4 oz., \$5.00; 1/2 oz., \$1.50; trade pkt., 50c.

Vaughan's "Giant Mixture."

This mixture is specially made by us from all the separate colors of Giant Trimaradeau, the Giant Bugnot and Cassier and several special strains which cannot be had any other way. If your trade demands large flowers there is no better mixture. Price 1/4 lb., \$14.00; oz., \$4.00; 1/2 oz., 60c; trade pkt., 25c.

Vaughan's Premium Mixed, per pkt., 25c; 1/4 oz., 80c; 1/2 oz., \$3.00; oz., \$5.50.

Chicago Parks Bidding, "Choice Mixed" pkt., 10c; 1/4 oz., 30c; oz., \$1.00; 4 oz., \$3.00.

Petunia, "Vaughan's Best" Mixture of Large Flowering Petunias, trade pkt., (1,000 seeds) 50c; 3 pkts. for \$1.25.

Petunia, Howard's Star. Distinct from Inimitable, or Blotched and Striped. The color is a rich velvety crimson-maroon: a splendid sort for borders, hanging baskets, vases, etc. Pkt. (500 seeds) 25c.

Petunia, Vaughan's Double Petunias, mixed, trade pkt. (600 seeds) \$1.00.

Petunia, Double pure white, 250 seeds, 50c.

Petunia, Extra Large Flowering, double fringed. This extra choice strain produces about 30 per cent of splendid double fringed flowers. Trade pkt. (500 seeds) 60c; 1,000 seeds, \$1.00.

Pyrethrum, Golden Feather.....

Salvia Splendens, Clara Bedman (Bonfire).....

"Drooping Spikes,".....

Silverspot.....

A. Ragenau.....

Smilax, new crop, 1/4 lb., 70c; 1 lb., \$2.50.

STOCKS, Large-Flowering German 10 Weeks.

Pure White, Brilliant Rose, Bright Crimson, Blood Red, Purple, Light Blue, Canary Yellow, Price each above per 1/2 oz., 40c; oz., \$2.25; pkt., 25c.

Large Flowering, extra choice m'xd.....

Thunbergia, Mixed.....

"Vaughan's Best" Mixture of Verbena.....

Verbena Candidissima, white, 1/4 oz., 20c.....

Defiance, brightest scarlet.....

Mammoth, mixed.....

Mammoth, white.....

Mayflower, striped on red.....

ground.....

Mammoth purple.....

Vaughan's Seed Store,

NEW YORK, 14 Barclay Street.

84-86 Randolph Street, CHICAGO.

Greenhouses, Nursery and Trial Grounds, Western Springs, Ill.

The Best He Ever Saw.

AMERICAN FLORIST Co.—Enclosed find \$1 which apply on subscription. I would not try to do without the paper. I consider it the most valuable trade paper I ever saw and I can say I learned more from your pages in one month than in ten months from some other papers.

FRED WINDMILLER, Supt.,
Livingston Seed Company's Greenhouse Department.

BEST ENGRAVINGS and ILLUSTRATIONS

—Of Every Description—

FOR CATALOGUES.

SEE OUR WORK IN THIS PAPER.

SEND FOR ESTIMATES.

GLOBE ENGRAVING and ELECTROTYPE CO.

407-427 Dearborn St., CHICAGO.

The Nursery Trade

AMERICAN ASSOCIATION OF NURSERYMEN.

E. W. Kirkpatrick, McKinney, Tex., Pres.;
C. L. Watrous, Des Moines, Ia., Vice-Pres.;
George C. Seager, Rochester, N. Y., Sec'y.
Thirtieth annual convention, West Baden
Springs, Ind., June, 1905.

JACKSON, MINN.—E. J. Lewis, of Cresco, Ia., has purchased ten acres of land and will start a nursery in the spring.

YELLOW SPRINGS, O.—Wallace W. Carr, nurseryman, has filed a petition in bankruptcy, acknowledging debts to the amount of \$30,749.

THE agricultural experiment station of the University of Tennessee has issued an illustrated bulletin on the training and pruning of fruit trees and vines, by C. A. Keffer.

ONE million giant cones, gathered by Indians in the forests of Oregon, will be distributed as free souvenirs of the forestry exhibit at the Lewis and Clark exposition.

ORANGE, CAL.—The first carload of roses shipped this season by Jackson & Perkins left for the east December 31. The yearly output is 650,000 plants, estimated at seven carloads.

NEW ORLEANS, LA.—The Metairie Ridge Nursery Company has been organized by Harry Papworth and associates. The company has purchased 200 acres of land on Metairie Ridge. The greenhouses will be constructed of iron and Louisiana cypress and equipped with all modern devices.

HANKINSON, N. D.—The Hankinson Nursery Company has purchased thirty acres of land a mile and a half west of town and just north of the Great Northern right-of-way. The stockholders, Messrs. Lilley, Chinberg, Strubel and Carmen, are highly pleased with the purchase, and it is hoped to largely increase the business of the concern during the coming season.

Nursery Notes.

Did you cut back your budded stock too early last year?

While there are lots of the cut-leaf weeping birch in the country, it is a long way from being overdone. It is the king of all ornamental trees.

There is a real good honeysuckle by the name of Monthly Fragrant, but some houses are sending out one that is very inferior. M.

Portland, Ore., Fruit Growers Act.

A mass meeting of the fruit growers of the Hood River valley appointed a committee of three to confer with Representative A. A. Jayne concerning proposed legislation for the protection of the fruit industry in the state. The committee consists of E. L. Smith, president of the State Board of Horticulture; A. I. Mason, president of the Hood River Applegrowers' Union, and G. R. Castner. The appointment of county horticultural inspectors was recommended.

Other resolutions provided for the exclusion of wormy apples from the markets; that nurserymen be compelled to give bonds that their trees are true to name; that the special and standard boxes be made the legal bushel box of Oregon, and the use of any other size prohibited; that some effort be made to prevent the sale of fruit from one district under the name of another.

Moving Large Trees at Newport.

One of the most difficult problems that confronts both private gardener and landscape architect is moving successfully the many large trees that the losses by our severe storms and other causes make necessary every winter season at Newport, R. I. The illustration herewith presented gives a good idea of the labor and large money outlay required to accomplish the desired result. The number of large specimens needed yearly has pretty much exhausted the supply of sizeable trees, either evergreen or deciduous, in this vicinity; and the demand for them is such that head gardeners go many miles inland and when found pay any reasonable price to secure them.

Such large trees are very hard to find with people who will sell them, as it is almost always necessary to pick them up on private estates. A well shaped, large tree costs \$100 or more wherever it may stand, and then comes the expense

of moving. The spruce shown in the illustration was not moved over a mile, and yet it must have cost at least three to four hundred dollars to complete the work at both ends. At the present time two large fern-leaved beeches are about to be moved a distance of three miles and good judges estimate that it will cost between \$3,000 and \$5,000 to place them properly in their new positions. These trees have been taken up with balls of earth that weigh twenty or more tons each. A team of twenty-four large truck horses was attached to one of these trees, but could not start it, so the matter of moving them has been entrusted to a house-mover, who will move them as he would a house; with rollers and windlass. To add to the expense a great number of overhead wires will have to be removed to allow their passage. These large specimens are planted mostly on new places where the effect of years of growth is wanted the first season without regard to the expense. It is an enormous undertaking and brings the greatest responsibility to whoever is in charge of it. X.

The Pipless Pippin.

In future "there ain't going to be no core to the apple," as the little boy said to a rival claimant. A colorless and seedless apple has been invented as the produce of a blossomless and grubless tree, of which there are to be two and a half million specimens in 1906. This will knock the stuffing out of the "sleazy or ordinary variety." It is called "the world's greatest discovery in horticulture," but may be regarded as the pioneer of more glorious things to come. In the toothless future we hope to see no-stone plums, sans-wasp gooseberries, mulberries without stomach ache, onions minus the scent, unslogged strawberries, and an ex-nuggeted and disbirded orchard in general. Pip-pip!—Punch.

W. van Kleef & Sons,

Wholesale Growers of all
kinds NURSERY STOCK.

BOSKOOP, HOLLAND,

Catalogue free on demand. No Agents. Please inspect our nurseries when in Europe. No agents. Please mention the American Florist when writing.

Jacs Smits, Ltd. NAARDEN, (Holland.)

(BRANCH AT BOSKOOP.)

Wholesale Growers of Hardy Fancy, Ornamental nursery stock, pot-grown forcing plants. Lilacs a specialty. Berlin and Hamburg Valley—the best quality. Catalogue free on demand.

When in Europe please inspect our nurseries. NAARDEN-BUSSUM, near Amsterdam, is our R. R. Depot.

Beautiful Grounds.

An illustrated Manual containing suggestions on Lawn Making, Planting and care of Shrubs and Trees, with names and descriptions of varieties hardy and of merit. Also information regarding Landscape Plans, Topographical Surveys, etc. A book you will often refer to. Send for it to-day. Free on application.

Peterson Nursery, 503 W. Peterson Ave., Chicago.



MOVING LARGE TREES AT NEWPORT, R. I.

TREES

Fruit Trees, Small Fruits, Ornamental Trees, Evergreens and Shrubs, Shade Trees, Hardy Roses, Hardy Plants, Climbers, etc. The most complete collections in this country.

Gold Medal—Paris—Pan-American—St. Louis. 102 prizes New York State Fair, 1904.

Illustrated Descriptive Catalogue FREE on Request.

ELLWANGER & BARRY

Mt. Hope Nurseries, Rochester, N. Y.

Drawer 1044 V

Established 65 Years.

ORDER
NOW

Hardy Shrubs, Ramblers

And HYBRID ROSES For

EASTER
FORCING

And Rooted Cuttings of CARNATIONS for Early Delivery.

CARNATIONS

ROOTED CUTTINGS.

| | Per 100 | Per 1000 |
|--------------------------------------------------------|---------|----------|
| FIANCEE, Prize-winning Pink, March delivery..... | \$12.00 | \$100. 0 |
| CARDINAL, Large Scarlet, January delivery..... | 12.00 | 100.00 |
| ECLIPSE, Dorner's New Pink, January delivery..... | 12.00 | 100.00 |
| RICHMOND GEM, Scarlet Money-Maker, Jan. delivery | 10.00 | 75.00 |
| CHICAGO WHITE, Rudd's New White, Feb. delivery.... | 12.00 | 100.00 |
| PHYLLIS, Rudd's Fine Light Pink, Feb. delivery..... | 12.00 | 100.00 |
| RED LAWSON, Red sport from Lawson, Jan. delivery... | 10.00 | 75.00 |
| CRISIS, A fine commercial scarlet..... | 12.00 | 100.00 |
| WHITE SWAN, Productive Pure White, Jan. delivery.... | 12.00 | 100.00 |
| LADY BOUNTIFUL, Best all-around White, Jan. delivery | 6.00 | 50.00 |
| NELSON FISHER, Cerise Pink, large and free..... | 6.00 | 50.00 |
| WHITE LAWSON, White sport from Lawson, Jan. delivery | 7.00 | 60.00 |
| INDIANAPOLIS, Bright Clear Pink, free, Jan. delivery.. | 5.00 | 40.00 |
| THE BELLE, Large Pure White, Jan. delivery..... | 6.00 | 50.00 |
| FLAMINGO, Large Brilliant Scarlet, Jan. delivery..... | 6.00 | 50.00 |
| MRS. PATTEN, Best Variegated..... | 6.00 | 50.00 |

ALSO ALL STANDARD SORTS OF OLDER KINDS.

| | Each | Doz. | 100 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|---------|
| DEUTZIA GRACILIS, pot-grown for 7-inch pots..... | \$.15 | \$ 1.50 | \$12.00 |
| LEMOINEI..... | .40 | 3.50 | 25.00 |
| LILAC, Chas. X and Marie Legraye, pot-grown..... | .85 | 9.00 | 65.00 |
| extra heavy..... | 1.01 | 11.00 | |
| AZALEA MOLLIS, mixed kinds, 20 buds..... | .40 | 4.00 | 30.00 |
| RHODODENDRONS, for forcing, bushy plants, 8 to 12 buds..... | 1.00 | 11.00 | |
| For forcing, large plants, 15 to 25 buds..... | 2.00 | 20.00 | |
| HYDRANGEAS, Otaksa, Red Branched, Thos. Hogg..... | | | |
| Dominant, 2 year old, pot-grown, for forcing..... | 5.00 | 35.00 | |
| CRIMSON RAMBLERS, strong, 2 year old..... | 2.00 | 15.00 | |
| ..... | 3 | 25.00 | |
| DOROTHY PERKINS..... | 2 | 20.00 | |
| CRUSS an TEPLITZ..... | 2 | 15.00 | |
| MAMAN COCHET..... | 2 | 15.00 | |
| HERMOSA..... | 2 | 15.00 | |
| CLOTHIDE SOUPERT, strong field plants..... | 1.50 | 10.00 | |
| AMERICAN BEAUTY..... | 2.00 | 15.00 | |
| KAISERIN AUG VICTORIA..... | 2.50 | 20.00 | |
| PAUL NEYRON..... | 2.50 | 20.00 | |
| LA FRANCE..... | 2.00 | 15.00 | |
| Anna de Diesbach, Coquette des Alps, Captain Christy, Fisher Holmes, General Jacqueminot, John Hopper, Mad. Gabriel Luizet, Mad. Caroline Testout, Magna Charta, Marshall P. Wilder, Mrs. John Laing, Ulrich Brunner, Etc., all at..... | 1.50 | 1.00 | |

VAUGHAN'S SEED STORE, Chicago.

Greenhouses and Nurseries,
Western Springs, Ill.

Hardy Native Pennsylvania RHODODENDRONS

Large clumps, 2 to 6 feet high, finest stock of hardy forest collected Rhododendrons in the United States, especially suited for planting on faocylawns and large estates. Large orders especially solicited. Can furnish 100 car loads. Prices right. Also 200,000 extra fine Apple Trees very cheap. Fire stock of Plum, Pear, Peach, Cherry and Quince Trees, at reasonable prices. Full line of small fruits. We solicit your inquiry and order. Address

The Riverside Nurseries, Confluence, Pa.
Please mention the American Florist when writing.

Colorado Conifer Seed

Our seed is gathered at an altitude from 7,000 to 10,000 ft. and produces trees of extreme hardiness.

| | Trade Pkt. |
|-----------------------|------------|
| Abies Concolor..... | \$.25 |
| Abies Douglasii..... | .25 |
| Abies Grandis..... | .25 |
| Picea Engelmanni..... | .25 |
| Picea Pungens..... | .25 |
| Pinus Aristata..... | .25 |
| Pinus Ponderosa..... | .25 |
| Pinus Flexilis..... | .25 |

The eight packets, postpaid, for \$1.50. Our Picea Pungens are gathered from the very bluest trees in Colorado.

D. S. GRIMES & CO., Denver, Colo.

Philadelphia Rambler.

Flowers brighter and much more double than Crimson Rambler, strong grower, blooms earlier and does not bleach out.

Field plants, 2 to 3 ft., \$2.00 per doz.; \$15.00 per 100
Field plants, 3 to 4 ft., \$3.00 per doz.; \$20.00 per 100

The Conard & Jones Co., WEST GROVE, PA.

Munson Nurseries.

New catalogue now ready. "Can't buy trees right without it." Get it of

T. V. MUNSON & SON, Denison, Tex

The MUNSON GREENHOUSES. Cut flowers and Bedding Plants for retail trade.

WILL B. MUNSON, Denison, Tex.

Special Evergreen Offer.

We are the largest growers of MAGNOLIA GRANDIFLORA in the South, having upwards of 200,000 plants now on hand. In order to place part of this immense stock before our regular shipping season commences, we make the following offer.

One year plants, 1st grade, 6 to 8 inches, once transplanted, \$3.00 per 100; \$25.00 per 1000; \$115.00 per 5,000; \$200.00 per 10,000.

ALSO THE FOLLOWING:

| | Per 100 | Per 1000 |
|-------------------------------------------------------|---------|----------|
| BUXUS ARBOREA, 2 years, 6 to 8 inches..... | \$2.00 | \$18.00 |
| EUONYMUS JAPONICUS, 1 year, 4 to 6 inches..... | 1.50 | 12.50 |
| EUONYMUS JAPONICUS, 1 year, 6 to 8 inches..... | 2.00 | 18.00 |
| EUONYMUS PULCHELLUS, 2 years, 6 to 8 inches..... | 3.00 | 25.00 |
| RETINOSPORA PLUMOSA, 2 years, 9 to 12 inches..... | 4.00 | 35.00 |
| RETINOSPORA P. AUREA, 9 to 12 inches, 2 years..... | 4.00 | 35.00 |
| BIOTA ORIENTALIS ELEGANTISSIMA, 8 to 10 inches..... | 5.00 | |
| BIOTA ORIENTALIS var. ROSEDALE, 6 to 8 inches..... | 3.00 | |
| BIOTA ORIENTALIS, Rosedale, 1 ft., very fine..... | 10.00 | |
| BIOTA ORIENTALIS, Rosedale, 18 inches, very fine..... | 15.00 | |

JOSEPH W. VESTAL & SON,

Little Rock, Ark.

Please mention the American Florist when writing.

3 Good
Things
For

1905

Rose Baby Rambler
Canna King Humbert
Gladiolus Princeps

VAUGHAN'S SEED STORE, Chicago and New York.

HAERENS EXOTIC NURSERIES

SOMERCEM, GHENT, BELGIUM.

Furnish PALMS, ARAUCARIAS, BAY TREES, FIGUS and other decorative plants for 1905. Spring delivery, in prime quality, carefully packed. For trade list address the American Agents

August Rölker & Sons

31 Barclay St., P. O. Box 752, NEW YORK.

Please mention the American Florist when writing.



Send to

THE MOON

Company

For Trees, Shrubs, Vines
Your and Small Fruits.

Descriptive Illustrated Catalogue Free.

THE WM. H. MOON CO.
Morrisville, Pa.

Our Pastimes

Announcements of coming contests or other events of interest to our bowling, shooting and sporting readers are solicited and will be given place in this column.

Address all correspondence for this department to J. H. Pepper, 429 Sixth Ave., New York; Robt. Kift, 1725 Chestnut St., Philadelphia; or to the American Florist Co., Chicago

At Washington.

On the night of January 4 in the District League, the Florists defeated the North Capitols by the following scores:

| FLORISTS. | | | |
|-----------|-----|-----|-----|
| Player | 1st | 2d | 3d |
| Cooke | 123 | 116 | 146 |
| Simmons | 141 | 128 | 166 |
| McLennan | 176 | 152 | 165 |
| Barry | 103 | 128 | 140 |
| Shaffer | 137 | 126 | 154 |
| Totals | 683 | 650 | 762 |

| NORTH CAPITOL. | | | |
|----------------|-----|-----|-----|
| Player | 1st | 2d | 3d |
| Fitzwilliams | 109 | 120 | 164 |
| Clinto | 147 | 142 | 132 |
| Tompkins | 169 | 142 | 126 |
| McAloon | 99 | 115 | 141 |
| Atkins | 145 | 137 | 152 |
| Totals | 669 | 663 | 715 |

S. E.

At Boston.

In the Seed Trade bowling league the Breck team defeated the Schlegel & Fottler team three straight in the last session. The Farquhar and Rawson teams did not play in this round. The scores;

| JOSEPH BRECK & SONS. | | | |
|----------------------|-----|-----|-----|
| Player | 1st | 2d | 3d |
| Enholm | 84 | 85 | 86 |
| Dacey | 60 | 67 | 54 |
| Webber | 90 | 83 | 67 |
| Armstrong | 104 | 93 | 83 |
| Wheaton | 96 | 127 | 79 |
| Totals | 434 | 454 | 369 |

| SCHLEGEL & FOTTLER COMPANY. | | | |
|-----------------------------|-----|-----|-----|
| Player | 1st | 2d | 3d |
| Gates | 70 | 59 | 69 |
| Murray | 61 | 70 | 46 |
| Wood | 63 | 74 | 63 |
| Fay | 75 | 75 | 84 |
| G'reau | 72 | 100 | 96 |
| Totals | 341 | 378 | 358 |

At New York.

There was a good attendance at the meeting of the Florists' Club team on Monday. During a business session it was decided to accept the challenge of the Hoboken florists for a return match at Hoboken on Saturday, January 14, and to challenge the Madison boys for a return match January 27 on the New York alleys. The following were Monday's scores:

| Player | 1st | 2d | 3d | 4th |
|-----------------|-----|-----|-----|-----|
| Lang | 153 | 167 | 168 | |
| Guttman | 150 | 123 | 158 | 100 |
| Shaw | 127 | 144 | 141 | |
| Kessler | | 183 | 116 | 120 |
| Manda | | 173 | 167 | 134 |
| A. S. Burns | | 133 | 162 | 133 |
| Holt | | | | 139 |
| Butterfield | | | | 105 |
| Duckham | | | | 132 |
| Theo. Roehrs | | | | 129 |
| W. H. Siebrecht | 155 | 117 | 153 | 130 |
| W. J. Stewart | 83 | | | |
| Totty | | | | 151 |
| Pepper | | 79 | 72 | 90 |
| Smith | | | | 130 |

St. Louis.

THE MARKET.

The first part of the week roses were decidedly scarce, especially white but at the time of writing everything is plentiful and the demand is slow. Weddings, funerals and New Year's receptions

have proved an outlet for part of the stock coming in, otherwise there would be nothing doing. Carnations are now quoted at 2 to 4 cents in larger quantities. They have sold at \$15 per 1,000. Roses are now plentiful; violets are by no means plentiful, but as there is but little demand there is enough to go around. American Beauty roses are coming in a little more plentiful. Bulbous stock is moving very slowly. A few sweet peas are seen but not of very good quality.

NOTES.

The Florists' Club meets Thursday of this week. This will be the first meeting of the year and it is hoped the members will show up in full force.

Among the January weddings is that of Miss Annie Schindeler, for many years with Young & Sons, and William Clark.

The Townsend Floral Company have made extensive alterations in their store. They had a large trade Christmas.

Patrick Quinn, who was killed last week in a quarrel, was for years foreman with the Jordan Floral Company.

Ed. Briechel, with Riessen Floral Company, is still indisposed and it will be spring before he will be around.

Miss Emma Bruening, with H. G. Berning, has been indisposed and has just returned to the cashier's desk.

John Hansel has opened a flower store at the corner of Taylor avenue and Olive street.

Julius Koenig, with H. G. Berning, has been sick with the grip.

The Riessen Floral Company reports heavy trade in funeral work.

Young & Sons had decorations at the St. Louis Club last week. W. F.

Nashville, Tenn.

The florists were much pleased with the holiday trade. The weather was fine and the supply and demand abundant. Potted plants of all kinds were in general demand and cut flowers sold well and prices were not excessive.

Geny Brothers had an artistic window filled with potted hyacinths, azaleas begonias, ferns, carnations and Harrisii lilies. They had quite a run on the baskets. Geny Brothers have added in the last few months two large carnation houses. See illustration, page 1015.

Miss Edna Birn is now conducting the business of her mother, Mrs. C. A. Birn at 606 Church street. Mrs. Birn died several weeks ago. Her father, C. A. Birn, assists her in the management of the store.

M. C. D.

Red Sport

(OF MACEO)

This New "Bread and Butter" commercial brilliant "Crane" Red Carnation, now in its fourth year, has the hardy constitution of Gen. Maceo, with a stronger, heavier growth, longer and stiffer stem and larger flower.

Growing under the same conditions and in the same house with Flamingo and Estelle, it has produced four times as many flowers as the former and twice as many as the latter. The color is as good as Estelle and the bloom brings as much as does Estelle at its best. Every flower is of a uniform, brilliant red, perfectly double, with an ideal calyx; in fact, we have never seen a split one.

RED SPORT is perfectly healthy, an easy variety to grow, an early and continuous bloomer, throwing its heaviest cuts around the Christmas holidays and during the winter months, when red is in demand.

RED SPORT will keep longer and travel farther than any other red carnation, and will prove a bonanza to growers doing a shipping business.

If the scarcity of reds in the market that now exists continues, **RED SPORT** will pay better to the square foot of bench room than any other variety of any color to date.

Every florist who has seen **RED SPORT** growing has placed an order for rooted cuttings, which tells the tale.

All our rooted cuttings are sold until after January 25. Orders filled in strict rotation from above date on.

Price, 12 for \$1.50; 25 for \$2.50; 50 for \$4.00, postpaid. \$6.00 per 100; \$50.00 per 1000, by express.

We guarantee cuttings to be well rooted and to arrive in good condition.

A. B. Davis & Son, Carnation Specialist
PURCELLVILLE, VA.

ROOTED CUTTINGS READY.

White Lawson

\$7.00 per 100; \$60.00 per 1000.

ENCHANTRESS, - - \$4.00 per 100; \$30.00 per 1000
PINK LAWSON, - - 3.00 per 100; 20.00 per 1000

Send for catalogue for other varieties.

CHICAGO CARNATION CO.
JOLIET, ILLINOIS.

Phyllis

\$12.00 per 100
\$100.00 per 1000

**NEW LIGHT PINK CARNATION
THAT WILL KEEP AND SHIP.**

ALSO ALL OTHER REALLY GOOD NEW VARIETIES
OF CARNATIONS AT ADVERTISED RATES.

JOHN N. MAY,
SUMMIT, N. J.

The King of All Scarlet Carnations

ROBERT CRAIG (Ward)

Will Not Be Disseminated Till 1906. : : :
First Delivery Commencing December 1, 1905.

THE IDEAL CHRISTMAS CARNATION.

A Genuine Non-Bursting Scarlet Lawson.

JUST THE COLOR OF THE HOLLY BERRY.

Send your orders now, with privilege to cancel same at any time prior to December 1, 1905, if on inspection variety does not prove satisfactory. PRICES: \$2.50 per doz.; \$12 per 100; \$100 per 1000; 2,500 lots at \$95 per 1000; 5,000 lots at \$90 per 1000; 10,000 lots or more at \$80 per 1000.

C. W. WARD, COTTAGE GARDENS CO. Inc., Queens, N. Y.
Originator.

Has Been Awarded The Following Honors:

PRELIMINARY CERTIFICATE.
American Carnation Society, 92 points.
SPECIAL DIPLOMA.
American Institute of New York.
FIRST-CLASS CERTIFICATE OF MERIT.
Massachusetts Horticultural Society.
FIRST-CLASS CERTIFICATE OF MERIT.
Pennsylvania Horticultural Society.
FIRST-CLASS CERTIFICATE OF MERIT.
New York Florists' Club, 93 points.
CRAIG CUP for best undisseminated seedling.
Philadelphia.
C. HARTMAN KUHN SPECIAL PRIZE
for best undisseminated seedling. Philadelphia.
FIRST PRIZE best 100 scarlet. Chicago.
FIRST PRIZE best 50 scarlet seedling. Chicago.

FRED BURKI

IS THE IDEAL

Commercial White Carnation

Its freedom of bloom, coupled with its other meritorious qualities, will commend it to the most conservative growers. You will make no mistake by growing Fred Burki.

\$12 per 100; \$100 per 1000. 250 at 1000 rates.

—WRITE FOR DESCRIPTIVE CIRCULAR.

JOHN MURCHIE,
Sharon, Pa.

S. S. SKIDELSKY,
824 No. 24th St., Philadelphia.

Carnation Rooted Cuttings.

| NOW READY. | Per 100 | 1000 |
|-------------------------------------|---------|---------|
| QUEEN LOUISE, fine white..... | \$1.20 | \$10.00 |
| ALBA, large white..... | 1.40 | 12.50 |
| AMERICA, red..... | 1.00 | 10.00 |
| MRS. POTTER PALMER, big scarlet.... | 1.20 | 10.00 |
| Q. H. CRANE, scarlet..... | 1.20 | 10.00 |
| ELDORADO, yellow..... | 1.20 | 10.00 |
| MARSHALL FIELD, barred..... | 1.40 | 12.00 |
| ARMANDINO, barred..... | 1.00 | 10.00 |
| MRS. JOOST, pink..... | 1.20 | 10.00 |
| LAWSON, pink..... | 1.40 | 12.50 |
| PRES. MCKINLEY, pink..... | 1.40 | 12.50 |
| SUCCESS, light pink..... | 1.20 | 10.00 |
| HARLOWARDEN, crimson..... | 1.40 | 12.50 |
| GOV. ROOSEVELT, crimson..... | 1.20 | 10.00 |

UNROOTED CUTTINGS HALF PRICE.

TERMS: Cash with order or C. O. D. with privilege of examination. Express prepaid at above prices. All plants warranted true to name and well-rooted.

HERMITAGE CARNATION CO., Loomis, Cal.

Rooted Carnation Cuttings

—All Orders Filled in Rotation.—

| Per 100 |
|---------------------------------------------|
| Mrs. M. A. Patten.....variegated.....\$6.00 |
| White Lawson.....6.00 |
| Flamingo.....scarlet.....6.00 |
| Albatross.....white.....6.00 |
| Enchantress.....3.50 |
| Queen.....white.....3.00 |
| Boston Market.....white.....3.00 |
| Queen Louise, Lawson.....2.00 |
| J. H. Manley.....scarlet.....2.00 |
| Challenger.....scarlet.....2.00 |

Write for Prices on Large Lots. 5 Per Cent Discount for Cash with Order.

Jas. D. Cockcroft, NORTHPORT, L. I., N. Y.

WHITE LAWSON which we introduced last season has given great satisfaction, and has proved to be The Finest White Carnation ever sent out. Remember we are headquarters for it. The demand will undoubtedly exceed the supply this season, and in order to secure early delivery, no time should be lost in placing order. We are now booking orders for early January delivery. Orders will be filled strictly in rotation as received, so the earlier orders are booked the earlier deliveries can be made. We can supply First-class strong rooted cuttings, \$7 per 100; \$60 per 1000. Also the other novelties of the season—Fiancee, Cardinal, Fred Burki, etc. Also the cream of older sorts—Mrs. M. A. Patten, Daheim, Enchantress, Flamingo, Mrs. F. W. Lawson etc.

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

Always mention the American Florist when you order stock.

200,000 ROOTED

Carnations

NOW READY.

| White | Per 100 | Per 1000 | Pink | Per 100 | Per 1000 |
|-------------------|---------|----------|---------------------|---------|----------|
| Queen Louise..... | \$1.00 | \$10.00 | Cressbrook..... | 1.00 | 10.00 |
| Flora Hill..... | 1.00 | 10.00 | Soarlet | | |
| Gov. Wolcott..... | 1.00 | 10.00 | Crane..... | 1.00 | 10.00 |
| White Cloud..... | 1.00 | 10.00 | America..... | 1.00 | 10.00 |
| Alba..... | 2.00 | 15.00 | Estelle..... | 1.40 | 12.50 |
| Pink | | | Crimson | | |
| Lawson..... | 1.20 | 12.50 | Harlowarden..... | 1.40 | 12.50 |
| Marquis..... | 1.00 | 10.00 | Variegated | | |
| Enchantress..... | 3.50 | 30.00 | Prosperity..... | 1.40 | 12.50 |
| Mrs. Joost..... | 1.00 | 10.00 | Marshall Field..... | 1.40 | 12.50 |
| McKinley..... | 1.40 | 12.50 | Armazindy..... | 1.00 | 10.00 |
| Mermaid..... | 1.00 | 10.00 | Viola Allen..... | 1.20 | 11.00 |

100,000 Pansy Plants, at \$10.00 per Thousand.

Unrooted Cuttings at one-half price of rooted cuttings. Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.

Loomis Carnation Co.

Lock Box 115, LOOMIS, CAL.

MY MARYLAND.

The largest, most productive and most profitable White Carnation yet raised. Will be disseminated in 1906. Write us about it. Also for other new and standard carnations.

CHRYSANTHEMUM STOCK PLANTS.

| Each | Doz. | Each | Doz. |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------|----------|
| Dr. Enguehard 35c | \$3.00 | Uncle John..... | 35c 3.00 |
| White Mrs. J. R. | | Rockford..... | 25c 3.00 |
| Trantor..... | 35c 3.00 | Mrs. Probin..... | 35c |
| Am. Beauty..... | 35c 3.00 | Mrs. Newell..... | 35c |
| S. T. Wright..... | 50c 5.00 | | |
| Pacific, B. Rose, Willow Brook, Ivory, Mrs. J. Jones, 10c each, \$6.00 per 100. Orizaba, Halliday, Monrovia, Merry Xmas, Liger, H. Sinclair, 10c each, \$7.00 per 100. | | | |

H. WEBER & SONS, Oakland, Md.

CARNATION CUTTINGS

WELL ROOTED, FROM SELECTED STOCK.

| | Per 100 | Per 1000 |
|------------------------|---------|----------|
| NELSON FISHER..... | \$7.00 | \$60.00 |
| MRS. M. A. PATTEN..... | 6.00 | 50.00 |
| FLAMINGO..... | 6.00 | 50.00 |
| CRUSADER..... | 6.00 | 50.00 |
| D. WHITNEY..... | 5.00 | 40.00 |
| ENCHANTRESS..... | 4.00 | 30.00 |
| H. FENN..... | 3.00 | 25.00 |
| MANLEY..... | 3.00 | 25.00 |
| FAIR MAID..... | 2.50 | 20.00 |
| QUEEN..... | 3.00 | 25.00 |

BACKER & CO., Billerica, Mass.

—ROOTED— CUTTINGS.

Fine Clean, Healthy Stock.

ROSES.

| | Per 100 | Per 1000 |
|----------------------|---------|----------|
| AMERICAN BEAUTY..... | \$3.00 | \$25.00 |
| LIBERTY..... | 3.00 | 25.20 |
| BRIDESMAID..... | 1.50 | 12.50 |
| BRIDE..... | 1.50 | 12.50 |
| GOLDEN GATE..... | 1.50 | 12.50 |
| IVORY..... | 1.50 | 12.50 |

CARNATIONS.

| RED | Per 100 | Per 1000 |
|---------------------|---------|----------|
| CRUSADER..... | \$5.00 | \$45.00 |
| FLAMINGO..... | 5.50 | 45.00 |
| ESTELLE..... | 1.50 | 12.50 |
| INE..... | 1.50 | 12.50 |
| PINK | | |
| NELSON FISHER..... | 6.50 | 55.00 |
| MRS NELSON..... | 1.50 | 12.50 |
| MRS. LAWSON..... | 1.50 | 12.50 |
| GUARDIAN ANGEL..... | 1.00 | 9.00 |
| MRS. JOOST..... | 1.25 | 10.00 |
| GENEVIEVE LORD..... | 1.25 | 10.00 |
| ENCHANTRESS..... | 3.00 | 25.00 |
| LIGHT PINK | | |
| HIGHBOTHAM..... | 1.00 | 9.00 |
| GIBSON BEAUTY..... | 12.00 | 100.00 |
| WHITE | | |
| BOSTON MARKET..... | 2.50 | 20.00 |
| PERU..... | 1.00 | 9.00 |
| WHITE CLOUD..... | 1.50 | 12.50 |
| QUEEN LOUISE..... | 1.00 | 9.00 |
| FLORA HILL..... | 1.00 | 9.00 |

GEO. REINBERG,
51 Wabash Ave., CHICAGO.

Please mention the American Florist when writing.

Carnation Cuttings.

| | Per 100 | Per 1000 |
|-------------------|---------|----------|
| ENCHANTRESS..... | \$3.50 | \$30.00 |
| FAIR MAID..... | 2.50 | 20.00 |
| QUEEN..... | 8.00 | 25.00 |
| QUEEN LOUISE..... | 2.00 | 15.00 |
| LAWSON..... | 2.50 | 20.00 |
| CRESSBROOK..... | 2.00 | 15.00 |
| CHALLENGER..... | 2.00 | 15.00 |
| MACEO..... | 2.00 | 15.00 |
| HARRY FENN..... | 3.00 | 25.00 |
| PROSPERITY..... | 2.50 | 20.00 |
| G. M. BRADT..... | 3.00 | 25.00 |
| FIANCEE..... | 12.00 | 100.00 |

C. WARBURTON,
FALL RIVER, MASS.

Please mention the American Florist when writing.

WM. PENN

The most prolific Pink Carnation ever offered the trade. Every grower should give it a trial; you can not make any mistake in planting a thousand of it, but rather than have you miss it I will send free by mail 25 well-rooted cuttings for \$2.50.

Send for price list of this and other varieties.

| | Per 100 | Per 1000 |
|------------------------|---------|----------|
| QUEEN LOUISE..... | \$10.00 | |
| LILLIAN POND..... | 10.00 | |
| FLORIAN..... | 12.50 | |
| HARRY FENN..... | 12.50 | |
| MRS. ROOSEVELT..... | 12.50 | |
| MRS. E. A. NELSON..... | 15.00 | |

ALBERT M. HERR, Lancaster, Pa.

Please mention the American Florist when writing.

ROOTED Carnation CUTTINGS and Orange Trees.

LARGE STOCK.

Write for Prices.

THE PHILIPPI NURSERIES,
ROCKLIN, CAL.

Rooted CARNATION CUTTINGS

NOW READY

THESE LOW PRICES GOOD ONLY UP
TO DECEMBER 25th....

| WHITE. | Per 100 | Per 1000 |
|-------------------|---------|----------|
| Queen Louise..... | \$1.00 | \$10.00 |
| Flora Hill..... | 1.00 | 10.00 |
| Alba..... | 1.40 | 12.50 |
| Gov. Wolcott..... | 1.00 | 10.00 |
| Norway..... | 1.00 | 10.00 |
| Lillian Pond..... | 1.40 | 12.50 |
| Chicot..... | 1.20 | 10.00 |

| PINK. | | |
|---------------------------|------|-------|
| Mrs. Thos. Lawson..... | 1.40 | 12.50 |
| Enchantress..... | 3.50 | 30.00 |
| Mrs. Joost..... | 1.00 | 10.00 |
| Success..... | 1.00 | 10.00 |
| Mermaid..... | 1.00 | 10.00 |
| Cressbrook..... | 1.00 | 10.00 |
| Pres. McKinley..... | 1.40 | 12.50 |
| Mrs. Theo. Roosevelt..... | 1.40 | 12.50 |

| SCARLET. | | |
|------------------|------|-------|
| G. H. Crane..... | 1.00 | 10.00 |

Special prices on large lots. Unrooted pips at half price of above. 25 at 100; 250 at 1000 rates. Express prepaid at above prices. Cash or C. O. D. with privilege of examining.

LOOMIS FLORAL COMPANY,

Loomis, Cal.



Please mention the American Florist when writing.

Richmond Gem.

The finest commercial scarlet ever introduced. Place your order early. Send for circular.

Price, \$10.00 per 100;
\$75.00 per 1000.

B. K. & B.
Floral Co.
RICHMOND, IND.

CRISIS

This **NEW CARNATION** has been thoroughly tried the last two years and is the best scarlet Carnation we have ever seen. It is a money maker. Send for descriptive circular. Price, \$12.00 per 100; \$100.00 per 1000.

J. L. DILLON, Bloomsburg, Pa.

—ROOTED—

Carnation Cuttings.

| | Per 100 | 1000 |
|---------------------------------|---------|---------|
| WHITE LAWSON..... | \$5.00 | \$50.00 |
| FLAMINGO..... | 6.00 | 50.00 |
| ENCHANTRESS..... | 3.50 | 30.00 |
| THE QUEEN..... | 2.50 | 20.00 |
| CARDINAL, from 2-inch pots..... | 12.00 | |

Larchmont Nurseries,
LARCHMONT, N. Y.

Wm. P. Craig, 1224 Cherry St., Philadelphia, Pa.

Representing Joseph Heacock and John Burton, Assignees.
PALMS, FERNS, CROTONS and DECORATIVE PLANTS.

CARNATIONS Flora Hill and Joost, 2-in. pots, \$1.25 per 100.

ROSES Ivory and Golden Gate, 2 1/4-inch, pots, \$1.50 per 100.

H. ROSSITER,

200 Lexington Ave., JERSEY CITY, N. J.

Carnations ROOTED CUTTINGS.

Send for price list of all the new and standard sorts.

Wm. Swayne, Box 226, Kennett Square, Phila.

ALWAYS MENTION THE....

AMERICAN FLORIST

WHEN WRITING ADVERTISERS.

CARNATIONS.

Rooted Cuttings Now Ready.

ECLIPSE Our 1905 introduction. A pink carnation, lighter in color than Lawson and of a more even and bright shade of pink. No objectionable shadings or bleachings. A strong, free growth, large flowers on long stiff stems and early and continuous flowering.

FIANCEE A most pleasing shade of medium pink. No carnation has ever equalled number of awards received by this variety.
CARDINAL—Brilliant scarlet. A great improvement over Estelle.
FRED BURKE—Pure white.

—The above four varieties, \$12.00 per 100; \$100.00 per 1000—

RICHMOND GEM—Scarlet. \$10.00 per 100; \$75.00 per 1000.

LADY BOUNTIFUL The two best commercial white carnations of the present day. Both have received honors over competitors at the fall exhibitions. We have large stocks of these two varieties which are already in great demand. Do not delay in placing your order for early delivery. \$6.00 per 100; \$50.00 per 1000; \$112.50 per 2500.

WHITE LAWSON—\$7.00 per 100; \$60.00 per 1000.

FLAMINGO, NELSON FISHER and MRS. M. A. PATTEN, \$6.00 per 100, \$50.00 per 1000.

CRUSADER, INDIANAPOLIS, JUDGE HINSDALE and THE PRESIDENT, \$5.00 per 100; \$40.00 per 100.

ENCHANTRESS, \$3.00 per 100; \$25.00 per 1000.

In addition to the above we can supply twenty-five of the best standard sorts, varieties that are profitable to grow.

Our preliminary Price List will be sent upon application. We are pioneers in the carnation line and our facilities for rooting and handling cuttings are nearly perfect, due to our long experience.

F. DORNER & SONS CO.,

La Fayette, Ind.

NEW CARNATION William Penn

A seedling of Scott and McGowan. A very pleasing, salable shade of pink. Free and continuous bloomer, good habit, and should be planted by every grower, who uses his own flowers, because there are always plenty to use. I have grown it for five years and it has given me more good salable flowers per square foot than any other variety I ever grew.

Price per 100, \$10.00; 25 at 100 rates. Price per 1000 \$75.00; 250 at 1000 rates.

FRANK L. KOHR, Lancaster, Pa.

—R. F. D. No. 3—

Please mention the American Florist when writing

ROSES

Rooted Cuttings and 2x2½-inch stock.

Meteor, Wootton, Gen. MacArthur, Bride, Kaiserin, Ivory, Bridesmaid, La Detroit, La France, Perle, Golden Gate, American Beauty, Pres. Carnot.

CARNATIONS.

Crane, Estelle, Queen Louise, Gov. Wolcott, Glacier, Norway, Mrs. Fisher, Mrs. Joost, Guardian Angel, Lawson, Enchantress.

GERANIUMS, Red, White, Pink and Salmon, also Runes and Mme. Salleron. R. C. and 2-in. **COLEUS**, Sweet Alyssum, Lantana, Marguerites, Feverfew, Vincas, Ageratum, Heliotrope, Salvias, etc.

Boston Ferns, Pieroni, Asparagus Plumosus and Sprengerii. Write

GEO. A. KUHL,

Pekin, Ill.

Roses for Spring Blooming.

The proper sorts. Clothilde, Souper, General Cacqueminot, Ulrich Brunner, La France, Magna Jharta, Crimson Rambler, etc.; fine field-grown plants that have never been forced, suitable for 5-inch pots at 7c; larger for 6-in., at 12c. Crimson Rambler, XXX, larger tops, 20c. Large-flowered Clematis, finest purple, lavender, white and red sorts—2-year at 18c; 1-year, at 9c. Hydrangea pan. grand, fine bushy plants, 8c. Others shrubs, etc., in cellar, priced on application. Packing free for cash. **W. H. SALTER, Rochester, N. Y.**

Roses Rooted Cuttings

January Delivery.

Bride, Bridesmaid, Golden Gate, Ivory, \$1.25 per 100; \$10.00 per 1000. Selected from healthy grafted stock. Satisfaction guaranteed. 250 at 1000 rate. Cash or satisfactory references.

BAUR FLORAL CO., 20 W. 10th St., Erie, Pa.

UNROOTED CARNATION CUTTINGS

From clean, healthy stock.

Crane, Queen Louise, Mrs. Joost, Flora Hill and M. Glory, 75c per 100. Harlowarden, \$1. per 100.

BATAVIA GREENHOUSES, Batavia, Ill.

ROSES

Rooted Cuttings.

| | Per 100 | Per 1000 |
|-----------------|---------|----------|
| Chatenay..... | \$2.50 | \$20.00 |
| Uncle John..... | 2.50 | 20.00 |
| Bridesmaid..... | 1.50 | 12.50 |

| | Per 100 | Per 1000 |
|------------|---------|----------|
| Bride..... | \$1.50 | \$12.50 |
| Ivory..... | 1.50 | 12.50 |
| Perle..... | 1.50 | 12.50 |

ROSES. 2½-inch pot plants.

| | Per 100 | Per 1000 |
|---------------------------|---------|----------|
| Richmond..... | \$30.00 | \$250.00 |
| Chatenay..... | 4.00 | 30.00 |
| Sun-se..... | 4.00 | 30.00 |
| Perle von Godesberg..... | 5.00 | 40.00 |
| Rosalind Orr English..... | 25.00 | 200.00 |
| Liberty..... | 5.00 | 45.00 |
| La Detroit..... | 6.00 | 50.00 |

| | Per 100 | Per 1000 |
|-----------------|---------|----------|
| Uncle John..... | \$4.00 | \$35.00 |
| Kaiserin..... | 4.00 | 30.00 |
| Bridesmaid..... | 3.00 | 25.00 |
| Bride..... | 3.00 | 25.00 |
| Ivory..... | 3.00 | 25.00 |
| Perle..... | 3.00 | 25.00 |

CARNATIONS. Rooted Cuttings.

| | Per 100 | Per 1000 |
|---------------------|---------|----------|
| Richmond Gem..... | \$10.00 | \$75.00 |
| Flamingo..... | 6.00 | 50.00 |
| Crusader..... | 5.00 | 45.00 |
| Lady Bountiful..... | 5.00 | 45.00 |
| Indianapolis..... | 5.00 | 45.00 |
| Enchantress..... | 3.00 | 25.00 |
| Boston Market..... | 2.50 | 20.00 |
| Nelson..... | 1.50 | 12.50 |
| Adonis..... | 2.50 | 20.00 |
| The Belle..... | 5.00 | 45.00 |

| | Per 100 | Per 1000 |
|---------------------|---------|----------|
| Lawson..... | \$1.50 | \$12.50 |
| Morning Glory..... | 1.50 | 12.50 |
| Joost..... | 1.50 | 12.50 |
| Estelle..... | 1.50 | 12.50 |
| Higinbotham..... | 1.00 | 9.00 |
| Flora Hill..... | 1.00 | 9.00 |
| Queen Louise..... | 1.00 | 9.00 |
| Peru..... | 1.00 | 9.00 |
| Guardian Angel..... | 1.00 | 9.00 |

All plants and rooted cuttings sold under the express condition that if not satisfactory they are to be returned immediately when money will be refunded.

PETER REINBERG, 51 Wabash Ave., Chicago

Palmer's

**Red
Lawson**

NOW READY!

SPORT FROM THE FAMOUS
MRS. THOMAS LAWSON

Planted May 18th, in full crop middle of August

ROOTED CUTTINGS:

\$10.00 per 100

\$40.00 per 500

\$75.00 per 1000

Ask your Brother Florist if he saw it at the Detroit Carnation Show. Ten to one he will say it's a good carnation to grow. Received CERTIFICATE OF MERIT at Detroit Carnation Show—scoring 87 pts.

W. J. Palmer & Son
Lancaster, N. Y.

Detroit.

New Year's day business developed no unusual features and was about equal in volume to that of last year. There was sufficient stock of all kinds to meet the demand, but no surplus was noted except in Roman hyacinths. Prices on all stock were somewhat lower than at Christmas. At present a good condition of trade prevails, but the great number of carnations being cut by local growers are not all disposed of and a serious glut is threatened. The supply of roses and violets, however, is barely sufficient to meet the demand, while much of the stock of Romans and Paper Whites remains unsold.

The last Florists' Club meeting, January 4, was well attended and much interesting discussion followed the reading of a paper by Robert Unger, on "Parks and Boulevards as Educators of Mankind." A vote of thanks was given the essayist, who is the horticulturist of the Detroit parks and boulevards. President Robert Watson of the club is seriously ill with the grip, and pneumonia is threatened. Visitors, John Dunlop, Toronto, Ont.; G. L. Huscroft, New York.

J. F. S.

NEW LONDON, CONN.—John Spalding celebrated his 90th birthday anniversary on Christmas day. He is the oldest florist in the state.

COUNCIL BLUFFS, IA.—The Reams-Lainson Greenhouse Company has been incorporated with a capital of \$10,000, Louis H. Reams and Fred L. Lainson being the incorporators. A general florists' business will be handled.

SALVIA.

The two best sorts. **LORD FAUNTERLOY**, (dwarf). **BONFIRE**, (tall). Rooted cuttings, \$1.00 per 100; \$8.00 per 1000.

Send For Our List of other Stock.

The W. T. Buckley Co., SPRINGFIELD, ILL.

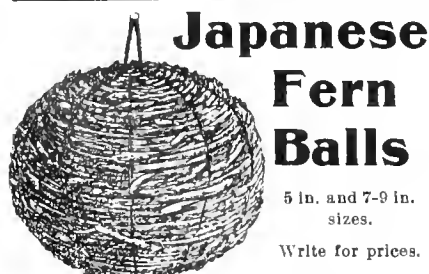
SPECIALTIES

ROSES, from 3-inch pots, **In Best**
CARNATIONS, for all delivery,
CHRYSANTHEMUMS, **Varieties**
SMILAX, **VIOLETS**.

Prices Low. Send for List.

WOOD BROTHERS, Fishkill, N. Y.

JOHN BURTON, Assignee for
ROBERT CRAIG & SON,
ROSES, PALMS,
and Novelties in Decorative Plants.
Market and 49th Sts., Philadelphia, Pa.



Japanese Fern Balls

5 in. and 7-9 in.
sizes.

Write for prices.

VAUGHAN'S SEED STORE,
84-86 Randolph St., CHICAGO.
14 Barclay St., NEW YORK.

THE NEW ROSE

Wellesley

Is a Welcome Addition to the List of FORCING ROSES.

Color bright pink, with reverse petals clear silvery pink, thus producing a combination that is exceedingly effective either in daylight or in artificial light.

Growth is very free and exceptionally vigorous and will prove satisfactory every month in the year. Delivery strictly in rotation, beginning April 1.

| PRICES: | | | |
|-----------|----------|----------|----------|
| Own Root. | | Grafted. | |
| \$ 25 | per 100 | \$ 30 | per 100 |
| \$ 55 | per 250 | \$ 70 | per 250 |
| \$100 | per 500 | \$130 | per 500 |
| \$200 | per 1000 | \$260 | per 1000 |

WABAN ROSE CONSERVATORIES, NATICK, MASS.

JOHN N. MAY, - - - Summit, N. J.

Palms and Asparagus Cheap.

| | Per 100 |
|----------------------------------------------|---------|
| Lantana Bor., 2-in. pot, seed leaves.. | 3.00 |
| " " 8-in. pot, 16-18 in., 2-3 chr. lvs. | 12.00 |
| " " 5-in. pot, 18-20 in., 3-4 chr. lvs. | 16.00 |
| " " 5-in. pot, 20-24 in., 4 chr. lvs. | 20.00 |
| Kentia Bel., 2½-in. pot, 6-8 in., 2 leaves.. | 10.00 |
| " " 8-in. pot, 8-10 in., 3-4 leaves.. | 13.50 |
| " " 4-in. pot, 12-16 in., 4-6 leaves.. | 18.00 |
| Asparagus Sprengeri, 2-inch..... | \$2.00 |
| Asparagus Plumosus Nanus, 3-inch..... | 2.50 |
| " " 3-inch..... | 5.00 |

SHERMAN NURSERY CO.,
CHARLES CITY, IA.

GERANIUMS.

ROOTED CUTTINGS.

Fifteen varieties at \$10.00 and \$12.50 per 1000. Send for complete price list of GERANIUMS and CARNATIONS.

ALBERT M. HERR, Lancaster, Pa.

JOSEPH HEACOCK,

WYNCOTE, PA.

—GROWER OF—

Kentia Belmoreana
and **Kentia Forsteriana**

RUDBECKIA.

| | Per 100 |
|-----------------------------------------------|---------|
| Extra choice, large clumps..... | \$5.00 |
| Asp. Sprengeri, extra quality, 2½-in. pots... | 2.00 |
| Asp. Plumosus, extra quality, 2½-in. pots... | 2.50 |
| Asp. Plumosus, extra quality, 3-in. pots.... | 4.00 |

JOHN BROD, Niles Center, Ill.

SPECIAL IN

Perle des Jardin Roses

We have an extra nice lot of 2x2½-inch about ready to shift. Write

GEO. A. KUHL, - Pekin, Ill.

A FEW GOOD THINGS YOU WANT.

KENTIAS, As fine lot of single and made-up plants as ever grown, 4-in., 5-in., 6-in., 7-in., and 8-in. pots, at 20c, 35c, 75c, \$1.50 to \$3.00 each.

BOSTON FERNS, 5-inch, \$30 per 100.

DRACAENA INDIVISA, 3, 4, 6-inch, \$5.00, \$10.00 and \$25.00 per 100.

ASPARAGUS PLUMOSUS, 2 and 3-in., \$4.00 and \$8.00 per 100.

ASPARAGUS SPRENGERI, 2 and 3-in., \$3.00 and \$5.00 per 100.

GERANIUMS, Mrs. E. G. Hill, Jean Viaud, S. A. Nutt, Castellane, Poltevine, Riccard, John Doyle, Perkins, Sinnle and Double, Gen. Grant, La Favorite, 2-in. pots, \$2.00 per 100.

Unrooted cuttings of **CARNATIONS**. The best and cheapest way to buy them. Queen Louise, Portia, Crocker, Goodenough, 50c per 100. Lawson, Boston Market, Fair Maid, \$1.00 per 100.

GLADIOLUS BULBS, good mixture, 75c per 100, \$5.00 per 1000.

GERMAN IVY, 2-in., \$2.50 per 100.

CASH OR C. O. D.

GEO. M. EMMANS, NEWTON, N. J.

Please mention the American Florist when writing.

CHRYSANTHEMUM

STOCK PLANTS.

WM. DUCKHAM, pink, \$10.00 per 100.

CHICAGO CARNATION CO., JOLIET, ILL.

Chrysanthemum Novelties

Merstham Yellow, White Coombes, Emily Millham, Valerie Greenham, Mrs. H. A. Allen and all other novelties 50c each; \$5.00 per doz.

Mrs. W. Duckham, the cup winner, 75c each; \$7.50 per dozen. Send for list.

CHARLES H. TOTTY, Madison, N. J.

CUTS for your Catalogue

Of all kinds in the Horticultural line, suitable for any purpose. Send for sample sheets and estimates.

Sunset Horticultural Designing and Engraving Co.

627 W. 6th St., LOS ANGELES, CAL.

Always mention the American Florist when you order stock.



Verbena King

VERBENAS—Rooted cuttings, 60c per 100; \$5.00 per 1000.

SALVIAS—Bonfire and St. Louis, the two best of them all \$1.00 per 100; \$8.00 per 1000.

ALTERNANTHERAS—70,000 red and yellow, Sept. struck, equal to 2-in.; these are fine; 60c per 100. \$5.00 per 1000.

HELIOTROPES—The best named varieties, \$1.00 per

100; \$8.00 per 1000.

COLEUS—Thirty named leading varieties, 70c per 100 \$8.00 per 1000.

PETUNIAS—King's Double White, the great bloomer, fine for cut flower work, \$1.25 per 100; \$10.00 per 1000.

CUPHEA—(Cigar Plant), \$1.25 per 100; \$10.00 per 1000.

SWEET ALYSSUM—Our big double giant, \$1.00 per 100; \$8.00 per 1000.

We prepay express charges on all rooted cuttings, and guarantee satisfaction and safe arrival. Write for prices on large lots; also send for list of rooted cuttings.

C. HUMFELD, Clay Center, Kan.
The Rooted Cutting Specialist.

Please mention the American Florist when writing.

Araucaria Excelsa.

We are Headquarters for these fine, beautiful plants. Cheaper and better than can be obtained elsewhere. Plants in 6-inch pots, 20, 25 and 30 inches high, 5, 6, 7 tiers, \$1.00, \$1.25 and \$1.50 each.

FIGUS ELASTICA. (Rubbers). 6-inch pots, 20, 25, 30 inches high, all perfect leaves, good from top to bottom, \$5.00 to \$6.00 per doz. Specimens, 7-inch pots, extra good 75c each.

DRAECAENA BRUNTI. 6-inch pots, 20 to 25 inches high, 50c each; \$5.00 per doz.

KENTIA FORSTERIANA. (Made-up plants), 3 in a pot, 5, 6, 8, 10-inch pots, 30 inches high, 75c each; 35 to 40 inches high, very fine, \$1.00, \$1.25, \$1.50 each.

LATANIA BORBONICA, healthy plants, 5 to 8 leaves, 50c each.

COCOS WEDDELIANA, 3-inch pots, strong, 15c each.

CINERARIA HYB. H. F. Michell's best strain, 4-inch, \$8.00 per 100; 3-inch pots, \$6.00 per 100; 2-inch, \$3.00 per 100.

Pots removed unless otherwise notified. Cash with order please. All goods travel at purchaser's risk.

Godfrey Aschmann,

Wholesale Grower and Importer of Pot Plants.

Bell Phone Tlaga 3669 A.

1012 Ontario St., Philadelphia, Pa.

Please mention the American Florist when writing.

SPECIAL OFFER Of Florists' Orchids.

We Want More Room for Large Importations.

Cypripedium Insigne, 5,000 established unfowered growths, \$8.00 per 100; \$75.00 per 1000.

Cypripedium Callaem, 1,000 established unfowered growths, \$20.00 per 100.

Cypripedium Lawrenceanum, 1,500 established unfowered growths, \$25.00 per 100.

Dendrobium Formosum Giganteum, The florists' white orchid, established plants, 8 to 10 bulbs, \$9.00 per 12; \$70.00 per 100.

Vanda Coerulea. The florists' blue orchid. A rare opportunity. Established plants, 10 to 12 leaves, \$15.00 per 12; 12 to 15 leaves, \$22.00 per 12.

All clean, healthy plants. For other quotations, see our catalogue, to be had from

Julius Roehrs' Exotic Nurseries,

Rutherford, N. J.

Please mention the American Florist when writing.

HINODE FLORIST CO.

...JAPANESE NOVELTIES...

TINY PLANTS, in 2 and 3-in. decorated Japanese pots, \$15.00, \$20.00 and \$25.00 per 100.

RHAPIS, 5 to 15 shoots, 50 cents each.

CASH WITH ORDER.

LARGEST GROWERS OF EASTER LILIES.

WOODSIDE, N. Y. and WHITESTONE, L. I., N. Y.

Buy Now

FOR STOCK OR GROWING
ON FOR SPRING SALES.

250 at 1000 sales. All from 2 1/4 or 2 1/2-inch pots.

Geraniums, including Nutt, Riccard, B. Polteville, Mme. Barney, etc., strong stock, \$25.00 per 1000. Our choice of vars. in assorted colors at \$20.00 per 1000.

Coleus, 10 best market varieties, \$2.50 per 100; \$20.00 per 1000.

Ageratum, Stella Gurney and Princess Pauline, \$2.50 per 100; \$20.00 per 1000.

Heliotrope, dark purple and blue, named varieties, \$3.00 per 100; \$25.00 per 1000.

Hibiscus, Peachblow, grandest variety out, \$3.00 per 100.

Primula Forbesii, \$2.50 per 100; \$20.00 per 1000.

Flowering Begonias, in variety, \$3.00 per 100; \$25.00 per 1000.

Send for
Wholesale
List.

The STORRS & HARRISON CO. Painesville, Ohio.

500,000 VERBENAS THE CHOICEST VARIETIES IN CULTIVATION.

Fine pot plants, \$2.50 per 100; \$20 per 1000. Rooted Cuttings, 50c per 100; \$5 per 1000; \$45 per 10,000.

NO RUST OR MILDEW.

PACKED LIGHT, AND SATISFACTION GUARANTEED. SEND FOR CIRCULAR.

We are the Largest Growers of Verbenas in the country. Our plants cannot be surpassed.

J. L. DILLON. BLOOMSBURG, PA.

Pansies

Giant. Guaranteed to please, \$2.00 per 1000, liberal count. Daisies, Longfellow, \$2.00 per 1000. Two bargains. Primula, Obs. Grandif., pink shades mixed, in bloom, 2-in., 1 1/2c. Alyssum, Giant double, 2c. Heliotrope, blue, 1 1/2c. Fuchsia, 2c. Asp Sprenger, 2-in., 1 1/2c. Plumosus Nanus, 1 1/2-in., 1 1/2c. 3-in., 4c. Rooted Cuttings, prepaid, per 100: Alyssum, Giant, 75c; Ageratum Gurney, 60c; Alternanthera, best red and yellow, 45c; fall rooted, extra strong, 5c; \$4.50 per 1000 Fuchsia, 5 fine sorts, \$1.25. Giant Marg. Daisy, white, \$1.00. Coleus, best bedders, 60c.

CASH.

BYER FLORAL COMPANY, Shippensburg, Pa.

Please mention the American Florist when writing.

Orchids!

CATTLEYA MENDELII, just arrived in fine condition a shipment of this scarce and beautiful Orchid. Also Lælia Anepe and Oncidium Tigrinum, etc. Write for special list No. 14.

Lager & Hurrell, SUMMIT, N. J.

Orchid Growers and Importers.

GARDENIA PLANTS.

(GRANDIFLORA CAPE JESSAMINE.)

Our leading specialty. Natural growing conditions here ideal; size tells its own story. We do not think they can be equaled elsewhere. 1-year, 18 to 24-in., \$1.50 per doz.; \$10.00 per 100. Dormant now and until February 25th.

C. W. BENSON, Alvin, Tex

VIOLETS.

Write for lowest price on Violets. We took 1st premium at the "World's Fair," Chicago and Joliet Flower Shows. We can give the right price as we are growers.

ELI CROSS, Grand Rapids, Mich.

Peacock's ...Dahlias

For plants or bulbs address

L. K. PEACOCK,
Dahlia Specialist, ATCO, N. J.

Dracaena Indivisa, \$3.00 per 100; \$25.00 per 1000.

Boston Ferns, well established, \$30.00 per 1000.

Abutilon Eclipse, \$3.00 per 100.

German Ivy, \$2.50 per 100.

Manettia Bicolor, \$2.50 per 100.

Cuphea Platycentra, \$2.50 per 100.

Asparagus Plumosus, \$3.00 per 100.

Asparagus Sprenger, \$2.50 per 100.

Kentia Belmoreana, clean, stocky plants with several leaves, \$5.00 per 100; \$15.00 per 1000.

Scarce Plants

| | Per 100 |
|--------------------------------------|---------|
| Begonia, Louise Erdody, 3-inch..... | \$ 7.00 |
| Crown of Thorns, 2 1/2-inch..... | 7.00 |
| Farfugium Grande, bushy, 3-inch..... | 10.00 |
| Grevillea Robusta, 2-inch..... | 3.00 |
| Geranium, Apple Scented, 2-inch..... | 3.00 |
| " Wm. Langguth, 2-inch..... | 5.00 |
| Hibiscus, Peachblow, 2-inch..... | 3.00 |
| Lemoo, American Wonder, 2-inch..... | 3.00 |
| Plumosus and Sprenger, 2-inch..... | 2.50 |

Iowa Seed Company, DES MOINES, IOWA.

Bedding Plants

| | Per 100 | 2 1/2-in. R. C. | Exp. Mail |
|-----------------------------------------------------------------|---------|-----------------|-----------|
| 5,000 Alternantheras, red, yellow, \$ 5 | | | \$.60 |
| Alyssum, double sweet..... | \$2.00 | | 1.00 |
| Boston Ferns, very fine, pot-grown, 5-inch..... | 25.00 | | |
| Fevrilew, Little Gem..... | \$15 | 2.00 | 1.00 |
| Fuchsia 6 named varieties..... | | 2.00 | 1.00 |
| 15,000 Geraniums, Nutt and 20 other varieties..... | \$20 | 2.25 | |
| Petunias, double fringed, white..... | | 2.50 | 1.25 |
| 50,000 Pansies, Florists' International, strong, transplanted.. | \$10 | | |
| Extra, in bud and bloom..... | \$15 | | |
| 20,000 Vinca Variegata, R. C..... | \$ 7.50 | | 1.00 |
| Salvia, 4 named varieties..... | | 2.00 | 1.00 |

LUDVIC MOSBAEK, Onarga, Ill.

PANSY PLANTS THE JENNINGS STRAIN

Fine plants, fancy colors, large flowering. Large plants in bud and bloom, \$1.00 per 100. Medium size for cold frames, \$3.50 per 1000; 500 for \$2.00. By mail, 75c per 100. Seed, \$1.00 per pkt.; \$5.00 per oz. Cash with order.

E. B. JENNINGS, Lock Box 251, SOUTHPORT, CONN.
GROWER OF THE FINEST PANSIES.

CYCLAMEN

SPLENDENS GIGANTEUM HYBRIDS, in bud and bloom, from 5-inch pots, \$2.50 per doz.; \$20.00 per 100. **PRIMUM CHINENSIS** and **OBSCURA GRANDIFLORA,** in bud and bloom from 4-inch pots, \$7.00 per 100.

PAUL MADER, East Stroudsburg, Pa.

Sigmund Geller

FASTEST GROWING SUPPLY HOUSE

108 W. 28th Street, NEW YORK CITY.

NOVELTIES which will turn out regular money-makers for the scores of my customers, obtained at our annual European scouring tour and at hand NOW.

Embossed, Plain and Plaited Crepe Paper. Waterproof and Japan Two-Tone Silk Crepe Paper.

CAN'T BE BEATEN.

Grass Growing Pigs Very amusing and interesting. The latest Novelty. **SELLING WHEREVER SHOWN.**

Numerous Easter Novelties Now Ready.

FULL LINE OF RIBBONS, CHIFFONS.

BOSTON FERNS.

Extra fine stock, cut from bench now ready for 5, 6, 7 and 8-inch pots at \$25.00, \$50.00, \$75.00 and \$100.00 per 100. **KENTIAS, RUBBERS, ASPARAGUS PLUMOSUS NANUS.** Cash or reference please.

L. H. FOSTER, 45 King St., DORCHESTER, MASS.

ASPARAGUS Sprengeri,

Extra strong, 2½-inch pots, @ \$2.00 per 100.

50,000 Cannas

in 20 best varieties. Get my prices before ordering elsewhere.

W. W. COLES, Kokomo, Ind.

Nephrolepis Scottii.

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston Fern in a given time. Prices, 6-inch pot-grown, ready for 8-inch, \$15.00 per doz.; 7-inch, pot-grown, \$24.00 per doz.; 8-inch, pot-grown, \$36.00 per doz.

John Scott, Keap St. Greenhouses, BROOKLYN, N. Y.

Adiantum Hybridum

\$5.00 per 100. Strong 2½-inch pots. The best of Maidenhair Ferns. Over 100 testimonials from leading growers.

A. LEY & BRO., N. London, D. C.

BOSTON FERNS.

4-in., \$15.00 5-in., \$ 5.00; 6-in., \$40.00 per 100. 7-in., 60c; 8 in., 75c each. Strong rooted runners of SCOTTI, \$5.00 per 100. Of PIERSONI and BOSTON, \$2.00 per 100.

DAVIS BROS., MORRISON, ILL., and GENEVA, ILL.

Asp. Plumosus Nanus

Extra heavy, 2-in., 2c; \$18.00 per 1000; 3-in. 4c.

ASP. SPRENGERI, 2-inch, 2c.

PANSIES, Giant sorts, \$2.50 per 1000.

PARIS DAISY, Giant 2-inch, 2½c.

ABUTILONS, 4 varieties, 2½-inch, 3c.

Rooted Cuttings, prepaid: **Heliotrope**, \$1 per 100.

Ageratum, Gurney, Pauline 50c per 100. **Salvia**,

Splendens, Bonfire, 80c per 100. **Fuchsia**, 5 best

varieties, \$1.25 per 100. **Hardy Pinks**, 7 varie-

ties, some everblooming, 75c per 100 \$7.00 per

1000. **Del Petunias**, 10 finest, \$1.00 per 100.

Rex Begonias, 15 sorts, \$1.10 per 100. **Flower-**

ing Begonias, 6 sorts, \$1.10 per 100. **Alternan-**

thera, 2 reds, yellow, \$5.00 per 1000. **Vinca**

Variegata, 80c per 100.

—CASH—

BYER BROS., Chambersburg, Pa.

Please mention the American Florist when writing.

FERNS.

Boston and Pierstoni.

We can give exceptional value. Well established, variety plants, from 2½-inch pots, \$3.00 per 100.

The same varieties, now developing a new set of leaves, from 3½-inch pots, \$8.00 per 100

NATHAN SMITH & SON, ADRIAN, MICH.

Please mention the American Florist when writing.

Geo. Wittbold Co.,

1657 Buckingham Pl., CHICAGO, ILL.

Send for Price List on

Palms and Ferns

Please mention the American Florist when writing.

ASPARAGUS

Plumosus Nanus, 2½-inch pots, per 1000, \$15.00; per 100, \$2.00.

Pansy Plants.

Large flowering, per 1000, \$2.50; per 100, 60c. Cash.

JOS. H. CUNNINGHAM, Delaware, O.

Please mention the American Florist when writing.

Asparagus Plumosus,

50 CENTS PER STRING.

Carnation Blooms and Rooted Cuttings. Good stock.

W. H. WATSON, Lapeer, Mich.

Please mention the American Florist when writing.

PALMS, FERNS

AND

Decorative Plants.

R. DREYER, Woodside, L. I., N. Y.

Please mention the American Florist when writing.

FERNS for FERNERIES

All the popular sorts. Fine bushy plants, 3-inch pots, \$6.00 per 100.

Chas. A. Knapp,

CHESTNUT HILL, PA.

"There is only One."

The Fumigating Kind Tobacco Powder

WHAT A FEW SAY, ALL THAT USE IT SAY.

Marion, Ind.
Your Fumigating Kind Tobacco Powder has given me more satisfaction than any other kind of insecticide. I have used it now for two years and think it is the safest, cheapest and easiest to handle on the market.
GUNNAR TEILMANN.

Troy, N. Y.
Enclosed please find Two Dollars ship at once 100 lbs. The Fumigating Kind Tobacco Powder.
It was a pleasure, the freedom we enjoyed last season from insects through the use of your powder.
JOHN H. DUKE

Montclair, N. J.
I think your The Fumigating Kind Tobacco Powder is by far the most effective and satisfactory fumigator on the market, not only as regards its results but also in the methods of using, and I have gladly recommended it to my friends. The sprinkling Kind Tobacco Powder equally good and effective.
H. BRADLEY.

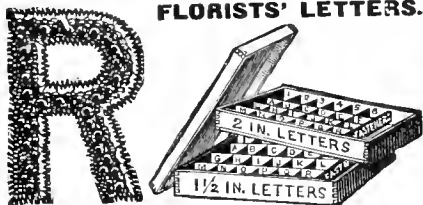
Wallingford Conn.
Please send me by freight 100 lbs. The Fumigating Kind Tobacco Powder. I find nothing better. I have used it for four years and find no injury to blossoms.
GEO. H. ROWDEN.

A FREE trial five pound bag will cost you nothing more than the express charges on it, the trial bag will prove our assertion that it is the most effective, cleanest and quickest as well as the cheapest (10 cents per 100-foot house) article to fumigate with. All aphids killed in one night—our booklet tells of it, we mail one on request.

THE H. A. STOOHOFF COMPANY, Tobacco Powder Hobbyists, 116, 117, 118 West St., New York.

Boston Florist Letter Co.

MANUFACTURERS OF
FLORISTS' LETTERS.



This wooden box nicely stained and varnished, 18x30x12 made in two sections, one for each size letter, given away with first order of 500 letters.

Block Letters, 1 1/2 or 2-inch size, per 100, \$2.00.
Script Letters, \$4. Fastener with each letter or word.

Used by leading florists everywhere and for sale by all wholesale florists and supply dealers.

N. F. MCCARTHY, Treas. and Manager,
84 Hawley St., BOSTON, MASS.

CUT FLOWER BOXES WATERPROOF

The best, strongest and neatest folding cut flower box ever made. Cheap, durable. To try them once is to use them always. Per 100 Per 1000

| Size No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------------|
| 0 | 3x 4x20 | 3x 4x16 | 3x 6x18 | 4x 8x18 | 4x 8x24 | 4x 8x28 | 6x16x20 | 3x 7x27 | 5x10x35 | 7x20x20 | 3 1/2x5x30 |
| | \$2.00 | 1.90 | 2.00 | 2.50 | 2.75 | 3.75 | 5.50 | 3.00 | 6.50 | 9.50 | 3.00 |
| | \$19.00 | 17.50 | 19.00 | 23.00 | 26.00 | 36.00 | 54.00 | 28.50 | 62.00 | 67.50 | 28.50 |

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

THE LIVINGSTON SEED COMPANY,
BOX 104, COLUMBUS, OHIO.

H. Bayersdorfer & Co.

50 to 56 North Fourth St.,

PHILADELPHIA.

L. BAUMANN & CO.,

Importers and Manufacturers of
Florist Supplies

76-78 Wabash Ave., CHICAGO.

Write for our New Catalogue F. Our prices may interest you.

ESTABLISHED
1866

EMIL STEFFENS

SUCCESSOR N. STEFFENS.
AND STEFFENS BROS.



ROSSIG BROTHERS,

—MANUFACTURERS OF—

Artificial Leaves.

ALL STYLES IN HUNDREDS OF DIFFERENT DESIGNS. PAPER AND MUSLIN. SMILAX, YARDS AND PIQUETS. Samples Furnished to the Jobbing Trade Only.

497 West Broadway.

NEW YORK.

M. RICE & CO.,

Importers and Manufacturers,

Leading Florists'
Supply House and
Ribbon Specialists.

918 Filbert Street,
Philadelphia, Pa.

Tobacco Dust

FOR FUMIGATING.

It would pay large users of dust to communicate with us and get samples and prices.

Edwin L. Koppelman & Co., 81 PINE STREET,
NEW YORK.

Wired Toothpicks

10,000, \$1.50; 50,000, \$6.25. Manufactured by
W. J. COWEE, BERLIN, N. Y.
Sample Free. For sale by dealers.

KORAL LETTERS

For Sale by all Wholesale Houses.

Koral Mfg. Co.,
12 Hawley Place, Boston, Mass.

A. HERMANN,

Cape Flowers, all colors.
Cycas Leaves, Metal Designs,
and All Florists' Supplies.

SEND FOR PRICES.

404-412 East 34th Street, NEW YORK.

"NICOTICIDE"

KILLS BUGS

TOBACCO WAREHOUSING & TRADING CO.
LOUISVILLE, KENTUCKY.

Albany, N. Y.

One of the best decorations of last week was that at a dinner given at the Ten Eyck by State Senator Frederick C. Stevens, of Attica, in honor of Governor Higgins. To this banquet were invited all the republican state senators, United States Senator Chauncey M. Depew, the lieutenant governor and a number of party leaders—in all about fifty guests. The ball room in which the dinner was held was decorated on three sides with 100 large Christmas trees lighted up with festoons of incandescent lights of various colors. The decorations were carried out by Eyres, in accordance with the personal instructions of Senator Stevens, "to spare no expense." Three days were spent on the work and the result was, as Senator Depew said in his after-dinner speech, "like a scene in fairyland." The table was arranged in the form of a hollow square, the center of which was filled with large kentias and a design of the letter H in poinsettias. Liberty roses in liberal numbers were used for the table decorations.

Since the opening of the legislature all social functions have taken a boom and, as a consequence, business is excellent.

R. D.

The King Construction Co.

New Roof Construction, Automatic
Slokers, Water Tube Steam Boiler,
Automatic and Hand Ventilators.....

NORTH TONAWANDA, N. Y.

32 Church St., TORONTO, ONT.

Tobacco Stems

60c per 100 lbs.

In bales of 200 to 250 lbs.

Write for special prices on carload lots.

F. G. BORDEN, Milton, Wis.

Dealer in Leaf Tobacco.

SIGMUND GELLER, FLORISTS' SUPPLIES and RIBBONS.

108 West 28th Street, New York.
NOVELTIES always on hand.

THE Regan Printing House

—Large runs of—

CATALOGUES

Our Specialty. Write for Figures.

83-91 Plymouth Place. CHICAGO.

National Florists' Board of Trade,

Office: 56 Pine Street, New York.

Credit Reference Book. A subscription to our Credit List will cost you \$10 a year, and it may save you \$100 the first month. Special Reports. We make a specialty of this part of our work. Collections. We collect slow and doubtful accounts. Why not go through your books at once and send us all the claims that are in arrears?

MOLLER'S

Deutsche Gartner Zeitung

The most widely circulated German gardening journal, treating of all departments of horticulture and floriculture. Numerous eminent correspondents in all parts of the world. An advertising medium of the highest class.

Moller's Deutsche Gartner Zeitung is published weekly and richly illustrated. Subscription \$3.00 per annum, including postage. Sample copies free.

LUDVIG MOLLER, Erfurt, Germany.

Standard Flower Pots

The WHILLDIN POTTERY COMPANY,
PHILADELPHIA PA. JERSEY CITY, N. J. LONG ISLAND CITY, N. Y.
Traveling Representative, U. CUTLER RYERSON, 108 Third Ave., Newark, N. J.

THE KELLER POTTERY COMPANY,

Manufacturers of FLORISTS' RED STANDARD POTS.

Azalea Pots, Bulb and Fern Pans, Etc.

Write for Price List. 213-15-17-19-21-23 Pearl St., NORRISTOWN, PA.



Please mention the American Florist when writing.



RED POTS

SAMPLE POT AND PRICE LIST
ON APPLICATION.C. C. POLLWORTH CO., MILWAUKEE,
WIS.

Standard POTS Flower..

If your greenhouses are within 600 miles of the Capitol, write us, we can save you money.....

W. H. ERNEST,

28th and M Streets. WASHINGTON, D. C.

Red Standard Flower Pots

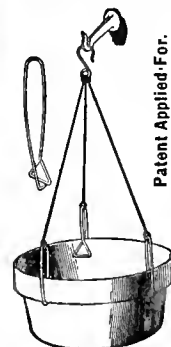
Price list and samples on application.

Paducah Pottery,

J. A. BAUER, Proprietor.

PADUCAH, KENTUCKY.

Kramer's Pot Hanger



The easiest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They fit all standard made pots from 2 to 10 inches in diameter. The illustration shows how they are attached. Just the thing for hanging up ferns, begonias, etc. You can make room and money by their use. Try them.

FOR SALE BY WHOLESALE
SEEDSMEN, FLORISTS AND
SUPPLY DEALERS.

Price with wire chain as shown in cut, \$1.00 per dozen by express. Sample dozen by mail, \$1.25.

I. N. Kramer & Son, Cedar Rapids, Iowa.

Please mention the American Florist when writing.

STANDARD FLOWER POTS!

Packed in small crates, easy to handle.

| Price per crate | Price per crate |
|------------------------------|-----------------------------|
| 1500 2-in., in crate, \$4.88 | 120 7-in., in crate, \$4.20 |
| 1500 2 1/2 " " 5.25 | 60 8 " " 3.00 |
| 1500 3 " " 6.00 | |
| 1000 3 " " 5.00 | HAND MADE. |
| 800 3 1/2 " " 5.80 | 48 9-in., in crate, \$3.60 |
| 500 4 " " 4.60 | 48 10 " " 4.80 |
| 320 5 " " 4.51 | 24 11 " " 5.60 |
| 144 6 " " 3.16 | 24 12 " " 4.80 |
| | 6 16 " " 4.60 |

Seed pans, same price as pots. Send for price list of Cylinders for Cut Flowers, Hanging Baskets, Lawn Vases, etc. Ten per cent off for cash with order. Address

HILFINGER BROS. POTTERY, Fort Edward, N. Y.
Or AUGUST ROLKER & SONS, New York Agents,
31 Barclay Street, New York City.

GEO. KELLER & SON,
MANUFACTURERS OF

FLOWER POTS.

Before buying write for prices.

381-363 Herndon Street,
near Wrightwood Ave.,

CHICAGO, ILL.

THOSE RED POTS

"STANDARDS"

FULL SIZE AND WIDE BOTTOMS.
BULB PANS AND AZALEA POTS.

DETROIT FLOWER POT M'FY.,

HARRY BALSLEY,
Rep.DETROIT, MICH.,
490 Howard St.,

Please mention the American Florist when writing.

—WRITE—

A. F. Kohr

1521-23 N. Leavitt St., CHICAGO, ILL.,

FOR PRICES OF

Standard Pots which for strength and porosity combined are the best on the market.

Please mention the American Florist when writing.

HEATING SUPPLIES

Overhauled Boilers.

The following horizontal tubular boilers will be shipped complete with all fittings and trimmings, and are first-class for heating purposes.

| | |
|-----------------------------------------------------------|----------|
| 3-30x8, each..... | \$ 70.00 |
| 3-36x10, each..... | 90.00 |
| 4-36x12, each..... | 100.00 |
| 2-42x12, each..... | 125.00 |
| 2-42x14, each..... | 145.00 |
| 1-42x10 Fire-box Heating Boiler..... | 150.00 |
| 1-42x12 Fire-box Heating Boiler..... | 165.00 |
| 1-42x14 Fire-box Heating Boiler..... | 175.00 |
| 1-48x12 Fire-box Heating Boiler..... | 185.00 |
| 1-Cast-Iron "Florida" Heating Boiler, capacity 1000 feet. | |

Also high pressure boilers of every kind, and a large lot of cylinder boilers of all sizes.

Boiler Tubes.

Large quantity of boiler tubes, ranging in sizes from 2 to 6-inch. Ask for price.

Wrought Iron Pipe.

All sizes from 3/4 to 14-inch, overhauled and complete with threads and couplings.

Greenhouse fittings and supplies of every sort.

WE ISSUE A SPECIAL CATALOGUE. ASK FOR CATALOGUE NO. 27.

Chicago House Wrecking Co.

W. 35th & Iron Sts., CHICAGO, ILL.

PUMPS Rider-Ericson. Second-hand. From \$4.00 up; all repairs; other makes; new; cheap.

BOILERS Second-hand Greenhouse Boilers, guaranteed. Send for prices; state size wanted.

PIPE New 2-in. full lengths, with coupling, 8 3/4 c a foot. Good serviceable second-hand, 2 in., 6 3/4 c; 1 1/2-in., 5 3/4 c; 1 1/4-in., 3 3/4 c; 1-in., 3 c; 3/4-in., 2 3/4 c. New and old fittings and valves.

GARDEN HOSE New, 3/4-in., guaranteed 100-lbs. pressure, 7 1/2 c per ft.; 1/2-in. not guaranteed, 4 3/4 c per ft.

HOT-BED SASH New. Cypress, 3x6-ft., from 70 c up; glazed, complete, from \$1.60 up.

Get our prices on New Cypress Building Material Ventilating Apparatus, Oil, White Lead, Putty, Paint, Points, Etc.

OLD GREENHOUSES BOUGHT.

SEND FOR PRICES ON STEAM FITTING TOOLS.

References: Bradstreet's, Dunn's or Broadway Bank of Brooklyn.

Metropolitan Material Co.,

1398-1403 Metropolitan Ave., BROOKLYN, N. Y.

GREENHOUSES.

MATERIAL FURNISHED
AND
MEN TO SUPERINTEND
ERECTION IF DESIRED.

CYPRESS SASH BARS
ANY LENGTH UP TO 32 FT. OR LONGER.

THE A. T. STEARNS LUMBER CO.,
NEPONSET, BOSTON, MASS.



**EVANS' IMPROVED
CHALLENGE
VENTILATING
APPARATUS**

WRITE FOR ILLUSTRATED CATALOGUE
QUAKER CITY MACHINE WORKS.
RICHMOND, IND.

The James H. Rice Co.

IMPORTERS and JOBBERS

GREENHOUSE GLASS

A SPECIALTY.

Window Glass, Paint, Putty, etc.

80-82 Wabash Avenue and 34 to 40 South Water Street, CHICAGO.

GULF CYPRESS GREENHOUSE MATERIAL

HOT-BED SASH, BOILERS, PIPES, FITTINGS,
VENTILATING APPARATUS.

GLASS AT WHOLESALE.

We furnish everything for building. Send for prices and catalogues.

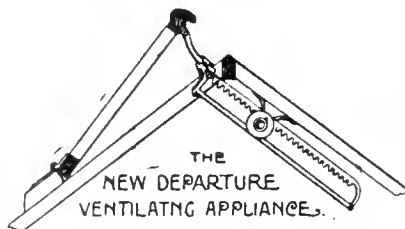
S. Jacobs & Sons, 1365-1373 Flushing Ave.
BROOKLYN, N. Y.

D. O. Cunningham Glass Co.

PITTSBURG, PA.

TANK WINDOW GLASS.

Hot-House Glass a Specialty.



THE
NEW DEPARTURE
VENTILATING APPLIANCE.

CHEAPEST AND BEST.

If you doubt it try them and be convinced.
Send for descriptive price circular.

J. D. Carmody, Evansville, Ind.

Please mention the American Florist when writing.

H. M. HOOKER CO.

Window Glass, Paints and Putty.
Greenhouse Glass a Specialty.

59 W. Randolph St., CHICAGO.

STENZEL GLASS CO., GREENHOUSE GLASS.

French and American "WHITE ROSE"
Brand.

2 Hudson St.,
NEW YORK.

101 Portland St.,
BOSTON.

GLASS.

GOOD BRANDS.
QUICK SHIPMENTS.
LARGE STOCK.

Warehouse on railroad switch. Be sure
and get our prices.

Sharp, Partridge & Co.

22nd St. and Union Place, CHICAGO.

ADAM SCHILLO LUMBER CO.

— DEALER IN ALL KINDS OF —

Hemlock and Pine Lumber

and "PECKY CYPRESS" our new introduction
to the trade.

For Greenhouses.

ALSO CEDAR POSTS OF ALL LENGTHS AND DIMENSIONS

Having had an extensive experience in the line
of Lumber and Posts needed for Greenhouse work,
I am prepared to meet all inquiries. Send for prices.

Cor. Weed & Hawthorne Ave., CHICAGO, ILL.

Tel. North 1626 and 1627.

References given from the leading Florist
of Cook County.

The Standard VENTILATING MACHINERY



The original machine with self-
locking cups. The most powerful,
least complicated, very compact
with ease of operation.

The New Duplex Gutter

Over six miles in use and highly
recommended by all. The only Drip
Proof gutter on the market.

The Standard Return Steam Trap

It has no equals for simplicity or its
working. Catalogue free.

E. HIPPARD, Youngtown, Ohio.

Sprague Smith Co. PLATE AND WINDOW GLASS

Greenhouse Glass a Specialty.

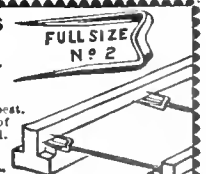
205 Randolph Street, CHICAGO.

**Holds Glass
Firmly**

See the Point **33**
PEERLESS

Glazing Points are the best.
No rights or lefts. Box of
1,000 points 75 cts. postpaid.

HENRY A. DREER,
114 Chestnut St., Phila., Pa.



Index to Advertisers.

Advertising rates. 1020
 Aitken Mark. 1026
 Albany Ste m Trp Co 1014
 Allen J. K. 1025
 American Blower Co V I
 Amling E. C. 1026
 Aschmann Godfrey 1033
 Backer & Co. 1035
 Bassett & Washburn 1023
 Batavia Greenh's. 1037
 Baumann L & Co. 1041
 Baur Floral Co. 1037
 B. K. & B. Floral Co 1036
 Bayersdorfer H & Co 1041
 Beaven E. A. 1028
 Beck Carl & Co. 1029
 Beckert W. C. 1031
 Benson C. W. 1039
 Benthey Coatsworth
 1023 1029
 Berger Bros. 1024
 Berning H. G. 1024
 Bertermann Bros Co 1026
 Boddington A. T. 111
 Borden F. G. 1042
 Boston Letter Co. 1041
 Brant D. Wood. 1023
 Brettmeyer's J Sons 1026
 Brod John. 1038
 Bruns H. N. 1038
 Buckley W. T. Co. 1038
 Budlong J. A. 1023
 Burpee W. A. & Co. 1031
 Byer Bros. 1040
 Byer Floral Co. 1039
 Caldwell the Woods-
 man Co. 1028
 Carmody J. D. 1043
 Chadwick Chas. 1026
 Chicago Carnation
 Co. 1031 1038
 Chicago House
 Wrecking Co. 1043
 Cleveland Cut Flo Co. 1024
 Cockroft Jas D. 1045
 Coles W. W. 1040
 Collins Thos. 1028
 Conard & Jones Co. 1043
 Cottons Geo & Co. 1028
 Cottage Gardens Co 1035
 Cowee W. J. 1041
 Craig Robt & Son. 1038
 Craig Wm P. 1036
 Cross Eli. 1039
 Crowl Fern Co. 1038
 Cunningham D O
 Glass Co. 1043
 Cunningham Jos B 1040
 Davis A B & Son. 1034
 Davis Bros. 1040
 Deamud J. B. 1022
 Detroit Flower Pot
 Mfg. 1042
 Dietsch A Co. 1042
 Diller Caskey & Co V
 Dillon J L. 1036 1039
 Dillon's Mfg Co. 1044
 Dorner F & Sons Co 1037
 Dreer H. A. 1029 1043
 Dreyer R. 1040
 Elliott Wm H. 1024
 Elliott Wm & Sons. 1031
 Ellwanger & Barry. 1032
 Emmans Geo M. 1038
 Ernest W. S. 1042
 Fenrich J S. 1025
 Fisher Peter. 1031
 Flower Growers Co. 1023
 Foley Mfg Co. 1031
 For sale and rent. 1021
 Ford Bros. 1025
 Foster Lucius H. 1040
 Freeman Jos R. 1026
 Gardeners Chronicle 1049
 Garland Geo M. 1031
 Geller Sigmund 1042
 Ghoramley Wm. 1025
 Giblin & Co. 1031
 Globe Eng Co. 1031
 Grand Rapids Florist
 Association. 1027
 Grimes D S & Son. 1033
 Gude A & Bro. 1026
 Gunther Wm H. 1025
 Gurney Heater Co. 1044
 Guttman Alex J. 1025
 Hall & Jones Co. 1028
 Hansen Julius. 1041
 Haverland B H. 111
 Hart Jas. 1024
 Hauswirth P J. 1026
 Heacock Jos. 1038
 Heller & Co. 1041
 Heller Bros. 1022
 Hereudsen Mfg Co. V I
 Hermitage Carna Co 1035
 Herr Albert M. 1036 1038
 Herrmann A. 1041
 Hess & Swoboda. 1026
 Hews A H & Co. 1042
 Hillinger Bros. 1042
 Hill The E G Co. 1031
 Hinode Florist Co. 1039
 Hippard E. 1043
 Hitchings & Co. V I
 Hollis Plant & Seed
 Co. 111

Holm & Olson 1026
 Holton & Hunkel Co 1022
 Hooker H M Co. 1044
 Horan Edw C. 1025
 Howard A B & Son. 1031
 Humfeldt Co. 1039
 Hunt E H. 1022
 Iowa Seed Co. 1049
 Jacobs S & Sons 1043
 Jennings E B. 1039
 Kasting W F. 1031
 Keller Geo & Son. 1042
 Keller Pot Co. 1042
 Kennicott Bros. Co. 1027
 Kervan Co The. 1028
 King Construction
 Co. 1042
 Knapp Chas A. 1040
 Kohr A F. 1042
 Kohr Frank L. 1037
 Koppelman E L & Co 1041
 Koral Mfg Co. 1041
 Kramer I N & Son. 1042
 Kroeschell Bros Co 1044
 Kuehn C A. 1024
 Kuhl G A. 1037 1038
 Lager & Hurrell. 1049
 Lang Julius. 1025
 Langjahr A H. 1025
 Larchmont Nurs. 1036
 Leakes N & Co. 1028
 Leikens. 1026
 Leonard Seed Co. 1031
 Ley A & Bro. 1040
 Livingston Seed Co 1041
 Lockland Lumb' Co V
 Loomis Carnatio Co 1035
 Loomis Floral Co. 1036
 Lord & Burnham Co
 111 V I
 Loven J G. 1028
 Mader Paul. 1039
 Mangel John. 1026
 May John N. 1034
 McCullough's J M
 Sons Co. 1024
 McKellar Chas W. 1027
 Mette Henry. 1031
 Metropolitan Mate-
 rial Co. 1043
 Mich Cut Flower Ex 1022
 Millang Chas. 1025
 Mills The Florist. 1026
 Moller Ludwig. 1042
 Moninger J C Co. V
 Moon The Wm H Co 1033
 Moore Hentz & Nash 1025
 Mosbaek L. 1039
 Munson Greenh's. 1033
 Murchie John. 1035
 Murdoch J B & Co. 1024
 Natl Flo Bd of Trade 1012
 N Y Cut Flower Co 1025
 N Y Cut Flower Ex 1040
 Niessen Leo Co. 1024
 Paducah Pottery. 1042
 Palmer W J & S'ns 1037
 Park Floral Co. 1026
 Peacock L K. 1039
 Peterson Nursery. 1032
 Phila Cut Flower Co 1024
 Philippi Nurseries. 1036
 Phillips Mfg Co. 1041
 Pierson F R & Co. 1035
 Pierson-Sefton Co. V I
 Pittsburgh Cut Flo Co 1022
 Pittsburgh Florist Ex 1024
 Pohlmann Bros Co 1023
 Pollworth CCC Co 1026 1042
 Pritchard J N. 1028
 Quaker City Mach
 Wks. 1043
 Randall A L Co. 1027
 Rawson W W & Co V I
 Raynor J I. 1025
 Regan Print House 1042
 Reinberg Geo. 1023 1036
 Reinberg Peter 1027 1037
 Rice Bros. 1027
 Rice James H Co. 1043
 Rice M & Co. 1041
 Riverside Nurseries 1033
 Robinson H M & Co 1028
 Roehrs Julius. 1039
 Rolker A & Sons. 1043
 Rossig Bros. 1041
 Rossiter H. 1046
 Salter W H. 1037
 Sander & Sons. 111
 Schillo Adam. 1043
 Scott John. 1040
 Sharp Partridge & Co 1043
 Sherman Nursery Co 1038
 Sheridan W F. 1025
 Sievers & Boland. 1026
 Sinner Bros. 1023
 Skidelsky S S. 1025
 Smith Nath & Son. 1040
 Smith W & T Co. 1031
 Smits Jac. 1032
 Sprague Smith Co. 1043
 Standard Pump &
 Engine Co. 1031
 Stearns Lumber Co 1043
 Steffens Emil. 1041
 Stenzel Glass Co. 1043
 Stoothoff H A & Co. 1041

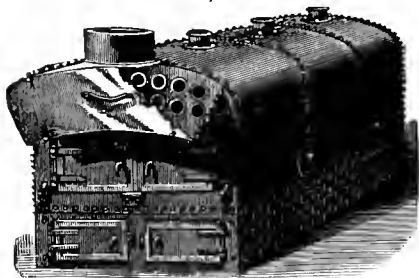
Storrs & Harrison. 1039
 Styer J J. 1031
 Sunset Hort Design
 & Egg Co. 1038
 Swaym Wm. 1036
 Syracuse Pot Co. 1042
 Thompson J D Car-
 nation Co. 1031
 Thorburn J M & Co 111
 Tobacco Warehouse &
 Trading Co. 1041
 Toole Wm. 1038
 Totty Chas H. 1038
 Traendly & Schneck 1045
 Van Kleeff W & Sons 1032
 Vaughan's Seed Store
 111 V I 1031 1033 1038
 Vaughan & Sperry 1023
 Vestal Jas W & Son 1033
 Vick's Sons Jas. 1031
 Waban Rose Conser 1038

Warburton C. 1036
 Ward Ralph M & Co 1031
 Watson W H. 1040
 Weber F C. 1026
 Weber H & Sons. 1035
 Weeber & Don. 1031
 Weiland Peter. 1027
 Weiland & Risch. 1023
 Welch Bros. 1024
 Western Seed Co. 111
 Whilldin Pot Co. 1042
 Wieter Bros. 1027
 Winterson E F Co. 1023 1028
 Wittbold Geo Co 1026 1040
 Wolf Joo. 1026
 Wood Bros. 1038
 Young A L & Co. 1025
 Young John. 1025
 Young Thos Jr 1025 1026
 Young & Nugent. 1035

KROESCHELL BROS. CO.
IMPROVED

Greenhouse Boiler,

45 Erie St., CHICAGO.



Boilers made of the best of material, shell, fire-
 box sheets and heads of steel, water space all
 around (front, sides and back). Write for
 information.

Established 1899. Tel. 174 Bergen.

Phillips Manufacturing Co.

222-226 Kearney Ave., Jersey City, N. J.

Horticultural Architects, Builders
and Heating Engineers.

Designers and Manufacturers of
 every description of Glass Houses
 for private or commercial uses. Most
 modern and up-to-date.

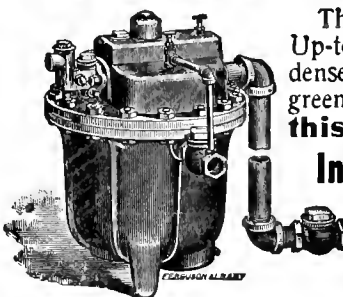
If you write or telephone us, we do
 the rest.

—RUSTIC WORK A SPECIALTY.—

Eureka Greenhouses....

THE BEST AND LOWEST IN PRICE. All houses erected at the factory and
 shipped to purchasers with blue prints,
 photographs and plain directions so that any person can put them up.

DILLON GREENHOUSE MFG., CO., Bloomsburg, Pa.

Steam Traps SAVE
COAL

This is the Return Steam Trap used by the
 Up-to-date Greenhouse men to return the con-
 densed water from the heating coils in their
 greenhouses. Have been in use for
 this purpose over 30 years.

Insures an Even Temperature.

Send For Red Catalogue.

Albany Steam Trap Co.

ALBANY, N. Y., U. S. A.

CROP INSURANCE.

Life insurance is valuable because it guarantees the outcome.

"Gurney" Heaters



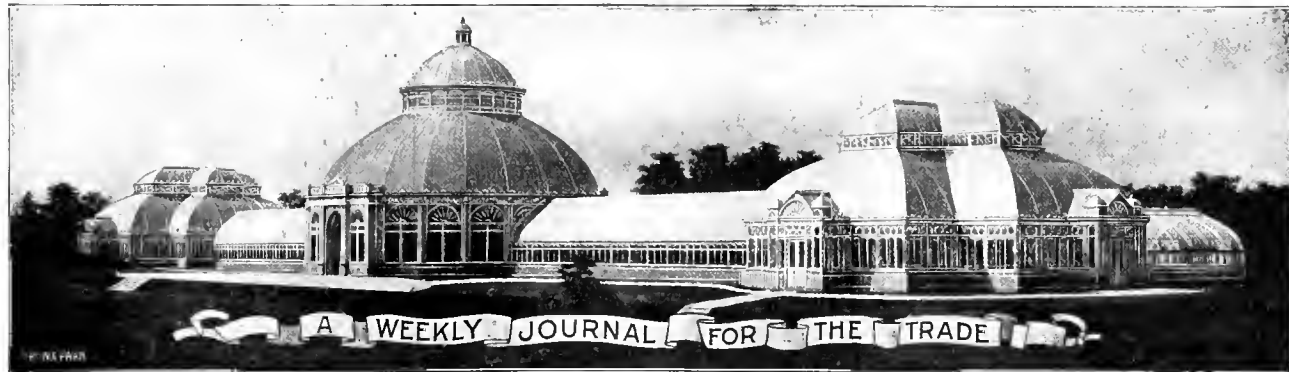
"DORIC" HEATER.

"BRIGHT IDEA," "DORIC" and "400 SERIES" do the
 same thing for your hothouse: THEY GUARANTEE THE
 CROP. First of all they save 20 per cent on the coal bill and
 so keep expense at a minimum. Next, they produce an even
 heat and so do not imperil the life of the plant. Next, they
 are simple to operate and so require least attention. Lastly,
 they wear longer than others and thus perceptibly reduce the
 capital invested. Don't buy or exchange until you've inves-
 tigated them.

GURNEY HEATER MFG. CO.

74 Franklin Street,
BOSTON, MASS.111 Fifth Avenue,
NEW YORK CITY.

THE AMERICAN FLORIST



America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."

Vol. XXIII.

CHICAGO AND NEW YORK, JANUARY 21, 1905.

No. 868

THE AMERICAN FLORIST

TWENTIETH YEAR.

Copyright 1905, by American Florist Company.
Entered as Second-Class Mail Matter.

PUBLISHED EVERY SATURDAY BY

AMERICAN FLORIST COMPANY,
324 Dearborn St., Chicago.

Eastern Office: 429 Sixth Ave., New York.

Subscription, \$1.00 a year. To Europe, \$2.00.

Subscriptions accepted only from the trade.

Volumes half-yearly from August, 1901.

SOCIETY OF AMERICAN FLORISTS AND
ORNAMENTAL HORTICULTURISTS.

OFFICERS—J. C. VAUGHAN, Chicago, president;
J. R. FREEMAN, Washington, D. C., vice-presi-
dent; WM. J. STEWART, 11 Hamilton Place, Room
11, Boston, Mass., secretary; H. B. BEATTY, Oil
City, Pa., treasurer. Twenty-first annual meeting
at Washington, D. C., August, 1905.

THE AMERICAN CARNATION SOCIETY.

Annual convention at Chicago, January 25-26,
1905. ALBERT M. HEINT, Lancaster, Pa., secretary.

AMERICAN ROSE SOCIETY.

Annual meeting and exhibition, Boston, Mass.,
1905. LEONARD BARRON, 136 Liberty St., New
York, secretary.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Annual convention and exhibition, November,
1905. FRED. H. LEMON, Richmond, Ind., secretary.

THIS ISSUE 44 PAGES WITH COVER.

CONTENTS.

| | |
|-----------------------------------------------------|------|
| The carnation..... | 1045 |
| —Some notes on carnation crosses..... | 1045 |
| —American Carnation Society..... | 1046 |
| Eucharis Amazonica (illus.)..... | 1047 |
| Laelio-Cattleyana Gotoiana (illus.)..... | 1047 |
| With the growers..... | 1047 |
| —R. Witterstaetter, Cincinnati, O. (illus.)..... | 1047 |
| —A. B. Davis & Son, Purcellville, Va. (illus.)..... | 1048 |
| A valuable bedding geranium (illus.)..... | 1048 |
| Market gardens..... | 1048 |
| Seasonable suggestions (illus.)..... | 1048 |
| Poinsettias—euphorbia—bougainvillea..... | 1049 |
| British trade topics..... | 1050 |
| The retail trade..... | 1051 |
| Decorations at Harry Lehr's dinner..... | 1051 |
| —The Astor ball decorations..... | 1051 |
| New York..... | 1051 |
| Chicago..... | 1052 |
| Boston..... | 1052 |
| Philadelphia..... | 1052 |
| Baltimore..... | 1052 |
| Washington..... | 1053 |
| St. Louis..... | 1053 |
| San Francisco..... | 1053 |
| Dorothy Faust or Mrs. Robert McArthur..... | 1054 |
| Tariff revision needed..... | 1054 |
| Obituary—Dan Newsham..... | 1055 |
| Cleveland..... | 1056 |
| Buffalo..... | 1056 |
| The seed trade..... | 1056 |
| —New store of A. J. Brown Seed Co (illus.)..... | 1056 |
| The nursery trade..... | 1058 |
| —Frank Hamilton (portrait)..... | 1058 |
| Our pastimes..... | 1070 |
| Louisville..... | 1074 |
| The allied trades..... | 1082 |
| European horticulture..... | 1082 |

THE CARNATION.

CARNATION convention next week.

FIANCEE is mostly in the cutting beds now, but there will be sufficient blooms on hand convention week to prove its merits.

W. N. RUDD has named his new seedling pink carnation, winner of the silver cup for best new variety at the Chicago show last fall, Lady Margaret, after his second daughter.

ROBERT CRAIG is making a good record for itself this season at the J. D. Thompson Carnation Company's establishment. The flowers are very fine and a trifle lighter than Cardinal in color.

Some Notes on Carnation Crosses.

The following notes refer to about 1,500 carnation crosses from which were raised about 6,000 seedlings. The work was done in a more or less desultory way from 1893 to 1899. During the last five years it has been carried on more regularly, and many more crosses have been made. Accurate notes were made of each cross; but generally no record of the individual seedlings was kept, except of such as were considered worthy of a second bloom, save when the results of a cross were especially interesting. In the year 1903, however, notes of each seedling which bloomed out of a lot of 1,172 were made, covering color, singleness, etc.

Press of other matter has generally prevented taking up this work until about the middle of November, and crossing has been discontinued after the first few days in February, as seeds would not ripen early enough, when crossed after that date to bloom satisfactorily in the field. The rule has been to carry over no seed to be sown the second year, and to waste no house room as plants which have not shown a good bloom in the field. The seed has been sown in February, and from then on as fast as it ripened.

In this connection an interesting fact developed last season. It became necessary to throw out many of the plants to make room for bedding plants. There were about a dozen pods on them which, though fairly well swelled out, were entirely green and showed no signs of ripening. These were cut and dried for a few days, and the seed, which varied in color from a creamy white to a very light brown only, were sown. From one to five seeds germinated out of each of eight of these pods and produced plants appar-

ently as vigorous and strong as the others.

It has been the practice to pot off the seedlings from the pans into 2½-inch pots, harden them off well at the proper time, and plant them out about six inches apart each way in cold frames as early as possible, generally about three weeks earlier than it is possible to plant in the field. We have handled tiny seedlings with only their second pair of leaves and in this way been astonished at the growth they made.

No pinching is done, the center bud being allowed to flower when, if the plant is thought worthy of trial indoors, it is cut down and potted. We usually get our first flowers about July 20 to 25.

Earliness of bloom in the field is a good indication of free blooming qualities, although account must be taken of the time of sowing the seed.

We began with the usual "fussy" notions as to trimming the flower just so, watch crystals for gathering the pollen, camel's hair brushes for applying it, and the like, but soon dropped such nonsense. The only tool used now, is a pair of medical students' dissecting forceps, a relic of bygone days in a place much less pleasant than a greenhouse and subjects of not so sweet an odor as our spicy carnation. The springs of these forceps we have filed down until they are very easy in action. Florists' toothpick forceps can be made to do very nicely, but the springs must be filed thin or they will be too stiff.

Having all our seedlings on one bench, together with a few of each other variety we grow (which gives an excellent comparison of growth and blooming qualities under like conditions) it becomes a very simple matter to remove a stamen from one flower by the filament with the tweezers and holding it still in the tweezers rub the anther against the pistils of flower on which we wish to make cross.

In preparing a flower to be crossed we prefer to take the just opening bud, pull it apart with the fingers, and "yank" out about half the petals, picking out any stamens remaining with the forceps. In special cases when crosses both ways are wanted, and flowers are very scarce, one can by careful manipulation and close watching, pick out the stamens as fast as they mature and use them, being careful to blow off any pollen which may be left after the last stamen is removed, and when the pistil is ready pollenize it. The pistil generally develops some days after the stamens and if, in spite of our care it has self fertilized, the fading of the flower will show it.

The following table, compiled from 974 crosses made during three years, shows a quite uniform decrease in the number of fertile seeds per pod and a decidedly uniform increase in the entire failure of the cross as the season gets later:

| Date | Percentage of crosses which failed. | Average number of seedlings raised per pod. |
|---------------------|-------------------------------------|---------------------------------------------|
| November 20-30..... | 34 | 15.5 |
| December 1-10..... | 43 | 8.3 |
| " 11-20..... | 47 | 6.8 |
| " 21-31..... | 49 | 8.4 |
| January 1-10..... | 53 | 7. |
| " 11-20..... | 53 | 6.2 |
| " 21-31..... | 60 | 6 |
| February 1-3..... | 65 | 4.6 |

The figures for the first three periods are probably not reliable, as there were but a few crosses made, and in one year none at all, for one of the periods. The high percentage of failure and low number per pod in the last period are caused in part by failure to mature early enough.

The percentage of failures in the above table is very much higher than need be the case where regular daily attention could be given. Crosses have frequently had to be made when pistils or pollen were not in the best condition; it has seldom been possible to follow up and pollinize a second time those which looked doubtful, and it has often been necessary to operate on days when the weather has not been favorable.

There is no point in the whole operation of more importance than that of working on a bright, sunny day, and after the sun has been shining for some hours. When the pollen is like dry dust, and scatters at a touch, the conditions are best. When the pollen is gummy and has a tendency to cohere at all, failure is almost certain.

Some varieties produce two kinds of anthers, one set longer and with smaller anthers maturing first. The pollen from these stamens is frequently impotent, while the second set, with shorter filaments and larger anthers, produces later a pollen which is strongly potent.

The condition of receptiveness of the pistil varies largely with the variety. Some varieties like Enchantress are receptive as soon as the styles begin to reflex, while others will not "take" until a number of days later, when the styles are fully reflexed and the hairs on the stigmas long and well developed. The latter is especially the case with varieties having an enlarged and thickened, or club footed, base to the styles. The former, unless sterile to their own pollen, will be likely to be poor keepers and shippers, like Enchantress, while the latter will in most cases be good shippers.

The work of tabulating data regarding form, color, singleness and doubleness is not far enough along to include in the present article, but notes herein I feel measurably sure will be verified when a

large number of crosses are analyzed and summed up.

There is no doubt that, summing the results from a large number of miscellaneous crosses, a strong proportion will show the color of the male parent more or less modified. The number of those approximating the color of the female parent will be less, and about equal to those showing the color of a grandparent.

I am certain that the number of the accepted types is becoming greater with us year by year, proportionately, than the bursters and singles. Those engaged in crossing carnations to-day, who are using thoroughbred stock are not worrying about the proportion of singles and bursters. The struggle is to combine size, color, form, stem, vigor, disease resisting powers and productiveness. Fragrance I fancy is seldom considered.

In an abstract of a paper read by Jesse B. Norton before the Society for Horticultural Science recently, some facts regarding carnation crosses are given. It would be interesting to know whether Mr. Norton has a thorough practical knowledge of the commercial standards of excellence in the flower to-day, and whether he is carefully considering his crosses with a view to producing improved specimens. If not, his summaries will not agree with results obtained by the practical men who have worked for years with an eye singly to commercial needs.

I believe that with the exception of a few accidents, all the really valuable productions of recent years have been the results of a long line of crosses, and that each one of our specialists has increased and strengthened certain attributes and tendencies, until each strain has become potent in transmitting those attributes. For instance, the Ward strain of crimsons, whether used as female or male, will produce a large proportion of crimson seedlings. Witterstaetter's Estelle, which is known to be the product of a long strain of scarlets, produces as a male a large number of scarlet seedlings. Mrs. Lawson, whether used as a male or female, almost always shows its ragged form in its seedlings, and has a strong effect in color and habit. The same is quite true of Enchantress. A crimson cross of Uncle John and a Guillard crimson made here seven years ago has shown a remarkable tendency to produce crimsons, and this tendency has held good through several generations of its seedlings.

C. W. Ward has said that he could produce crimsons to order and Fred Doerner seems able to do the same with whites and pinks. It is these personal (if one may use the word) attributes of each variety which the breeder must find out

and deal with, and which, bred in through a long line of judicious crosses, will upset the summarized results of any number of hit and miss crosses.

In this connection a remark made by Uncle John Thorpe some years ago comes back. "Stick to your own strains, my boy; don't lose your courage, and be very careful how you mix in unknown blood." This is gospel from a man who has the "horticultural instinct" in the supreme degree.

W. N. RUDD.

Carnation Diseases.

In 1893 we printed the paper by Prof. Geo. F. Atkinson, of Cornell University, on "Carnation Diseases," read at the Pittsburg convention of the American Carnation Society, with numerous illustrations. We have had such frequent demand for this number of the AMERICAN FLORIST that our supply is exhausted. With regard to this matter Prof. G. E. Stone, of the Massachusetts Agricultural College, in a recent letter writes as follows:

I would suggest that the AMERICAN FLORIST reprint Prof. Atkinson's paper on carnation diseases in some former issue, inasmuch as there has been nothing written on carnation diseases which is so good and elaborate as that found in your paper. Perhaps this is asking too much of you, but the article and illustrations are really very good indeed and can not be obtained elsewhere.

This paper, therefore, will be reprinted with illustrations in our Special Carnation Number, to be issued January 28, and Prof. Atkinson has kindly gone through the text and says there is nothing to be changed or added.

No up-to-date florist can afford to miss this number.

American Carnation Society.

THE ANNUAL MEETING.

The annual meeting and exhibition will be held in the Auditorium hotel, Chicago, January 25 and 26. Every one interested in carnations is invited to come and meet with us. Special rates of a fare and one third, on the certificate plan (which will be explained by any ticket agent), has been granted from all points east of and including Denver. The small sum of \$2 makes you a member of the society and pays one year's dues. This entitles you to exhibit any new or old carnation you may have to show. The Auditorium hotel can take care of fully 200 members at reasonable rates and especially so where two will occupy the same room. This puts all under one roof, lodging, the meeting and exhibition, and weather need not be taken into account.

SPECIAL NOTICE.

There are so many sports of Lawson coming into the field, that this society



West Section of Range.



Carnation Sport, December 15.

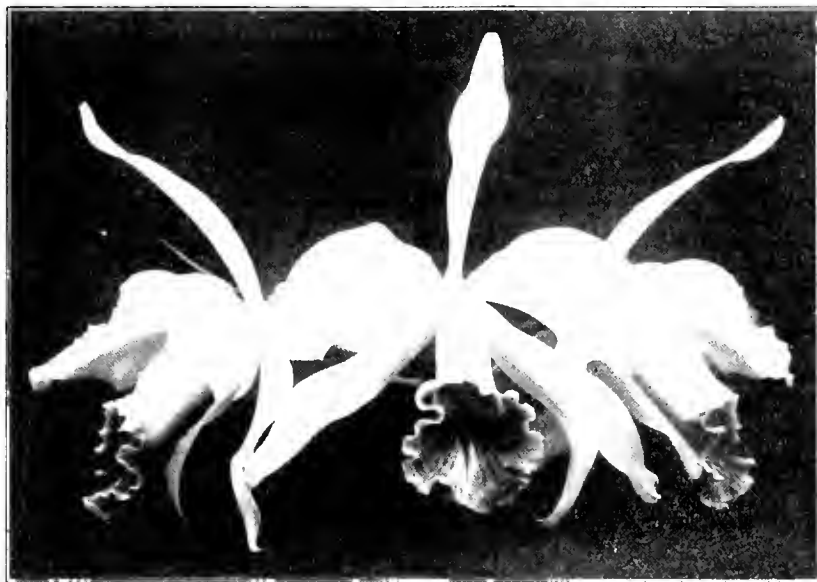


East Section of Range.

VIEWS OF THE ESTABLISHMENT OF A. B. DAVIS & SON, PURCELLVILLE, VA.—See page 1043.

would like, for the sake of uniformity and to avoid the introduction of the same variety under different names, to have every carnation grower who has a sport from Lawson, of any color, to exhibit same at this meeting and especially so if he intends placing it on the market.

age to the roots. The small bulbs are then easily separated and potted in well drained 8-inch pots. When established and roots run near the surface of the soil, a good top dressing of coarse bone meal cow manure and loam is applied. The plants are kept growing and usually flower the second year. After a good leaf



LAELIO-CATTLEYANA GOTTOIANA.

(The plant illustrated by error under the above name in our last issue, page 1013, is *Laelia* \times *Diana*, a cross of *L. purpurata* and *L. punila* Bayana.)

Where the grower does not accompany the box it should be marked as follows: "The American Carnation Society, Chicago, Ill., care of P. J. Hauswirth, Auditorium hotel" (Prepaid).

DEPARTMENT OF PLANT REGISTRATION.

By Patten & Company, Tewksbury, Mass., Mikado; color white, overlaid with crimson; a seedling of 1902; cross of Gov. Roosevelt and Prosperity; style of growth like Governor Roosevelt; size of blooms three to three and one half inches. Pink Patten, color clear dark pink; a sport from Mrs. M. A. Patten.

W. L. Lewis, Marlboro, Mass., submits for registration Mrs. W. L. Lewis, color, pure snow white, flower well built on a long stiff stem, and said to produce more flowers per square foot than any other white in existence. The flowers measure three inches, are good keepers and shippers and a burst calyx is something that has never been seen to exist since its origin.

ALBERT M. HERR, Sec'y.

Eucharis Amazonica.

The illustration here with shows a plant of *Eucharis Amazonica* for which Henry Wild, gardener to the A. W. Blake estate, Brookline, Mass., was awarded a silver medal by the Massachusetts Horticultural Society last August. The plant has been in a 20-inch tub the last three years, and gave a profuse crop of flowers in February last. It is grown in a mixed house of palms, orchids, etc., where the average night temperature in winter is 55°. The plant is given all the sun possible on a south bench, the roof being shaded to protect the palms. Mr. Wild supplies the following cultural particulars:

"When potting old specimen plants are washed out with a hose to prevent dam-

growth is made three 8-inch pot specimens are placed in a tub, using for compost good fibrous loam, cow manure and coarse bone meal, with some sand and charcoal. The charcoal is useful in keeping the soil sweet, as the plants are not shifted again for three or four years. Tubs are preferred to pots for the reason that they permit of a better distribution of the bulbs at the top. The plants are rested during the short days, but syringed to prevent flagging."

WITH THE GROWERS

R. Witterstaetter, Cincinnati, O.

Recently I visited the establishment of R. Witterstaetter and was agreeably surprised at the magnificent display of carnations, which are to be seen here. Never have I seen carnations in better condition. Of the twelve large houses filled with carnations it was hard to tell which was in the lead. Two houses contain standard varieties, such as Enchantress, Lady Bountiful, The Queen, Cardinal and Lawson, all of which make a grand showing. Six houses, 22x150 feet each, are used for seedlings of which several will make their debut the coming year. I made memoranda of only the most promising and of those that have been grown three years and over, as follows:

Number 1.—Lillian May, a beautiful white, fringed and very fragrant, stems strong and with good calyx; judging from its blooming wood, a great producer; flowers measure in average three and one-half inches.

Number 2.—A glowing cerise pink and a wonder; all good qualities are found in this variety, which is a strong, healthy grower and bloomer; the flowers are beautifully formed. No doubt this will be the bread winner at the Chicago show this month. This variety makes longer stems in December than Lawson at its best.

Number 3.—A light shell pink on the order of Enchantress, very prolific, growth stocky and an easy doer. The variety will be known as J. A. Valentine.

Number 4.—Known as 1021 B, a very large pink and a comer. It has been staged the last two years and will open the eyes of many carnation enthusiasts. It is on the order of Fiancee.

Number 5.—Another cerise pink and hard to tell from the foregoing number 2, which is the better variety.

Number 6.—Known as 1021 J; a bright cardinal red, robust grower and free bloomer.

The one and two year seedlings are too numerous to mention in detail.



EUCHARIS AMAZONICA WITH 152 FLOWERS.

(Grown by Henry Wild, gardener to the A. W. Blake Estate, Brookline, Mass.)

It has always been a profitable and interesting trip to visit Mr. Witterstaetter's place. To meet Dick, as he is best known among us, to clasp his hand, and to listen to his story of cultivating and of doing things, is an unalloyed pleasure. Mrs. Witterstaetter meets Dick's friends at the door of their cozy home and bids the visitor welcome. She is an amateur florist and takes a lively interest in growing plants. A small space in one of the houses is under her control and the visitor is at once attracted by the well grown miscellaneous stock. Several fine specimens of Gloire de Lorraine begonias, violets, Baby primroses and other blooming plants are found in the collection, of which she is very proud.

As I write this I look upon a vase of carnations before me, which I brought home on January 3. At this writing, January 8, only one flower out of twelve is going to sleep, speaking well of their keeping quality in a dwelling house kept at 70°.

A. B. Davis & Son, Purcellville, Va.



W. S. Davis.

There are in this range 40,000 square feet of glass and the entire area is devoted to carnation growing. In addition to Red Sport, illustrated in the AMERICAN FLORIST, December 31, 1904, such standard varieties as Enchantress, Lawson, Queen Louise and Genieve Lord are successfully grown. What may seem to many a novel feature is that the water supply is secured from two large springs, the waters of which, flowing from the Blue Ridge mountains, form a junction near the greenhouses and are pumped into a large tank to secure pressure, a steam coil within the tank raising the temperature when necessary. The entire range is heated by a Kroeschell 100-horse power hot water boiler which gives good satisfaction.

In 1866, A. B. Davis, a native of Washington, D. C., started a nursery at Purcellville, Va., which he developed into a catalogue business. W. S. Davis, now the active manager, was early associated with his father and acquired the practical knowledge, so necessary to a successful florist. In addition to this, he is a student and a thinker and always ready to accept a new idea—if it is a good one.

Since 1900, when the good will of the catalogue business was sold to McGregor Brothers, of Springfield, O., he has devoted his entire attention to carnations with such success that his blooms are eagerly sought by the leading retailers of Washington, the distance from that city being forty-eight miles over the Bluemont division of the Southern railway. W. S. Davis is now in the prime of life, and socially, one of the most agreeable of men. He has a charming home and, with his estimable wife and daughter, is a dispenser of genuine southern hospitality. See illustration page 1046.

S. E.

A Valuable Bedding Geranium.

Herewith I send you a small picture—a snapshot—of a bed of geraniums that appeared as the illustration shows them, only better, all summer. It is not new nor is it a novelty, but it is one that does not seem very well known. It is called by different names, Glorious, Gloria and Gloriosum. I do not remember ever having seen it mentioned or offered for sale

by either of the above names in any catalogue or in any of the horticultural weeklies, either amateur or the trade. I first saw it in company with Paul Huebner on an amateur lawn in Trenton a few years ago. Mr. Huebner recognized its value as a bedding variety and immediately commenced to negotiate for enough of it to give it a trial in the beds over which he has charge along the lines of the Philadelphia and Reading Railroad Company. And that is the source whence came stock for trial in the Girard college grounds. Both Mr. Huebner and myself have been interested in trying to find out its origin or something tangible about its history. To that end George Wainwright, of Trenton, N. J., from whom Mr. Huebner eventually secured plants, was written to and replied as follows: "Your letter of inquiry regarding Glorious geranium was duly received, and the cause of delay in replying is that I have been trying to think where I procured it, as it is not of my own production. I have had it fifteen or twenty years and was slow to find out its merits



Bed of Geranium Glorious (?).

as a bedder. I had only grown a few of it for a number of years until I planted a bed of it a few years ago. I cannot fix the time or where I got it at the present time. I am sorry I cannot give you any more definite information regarding its origin."

In its habit of growth it is dwarf and short jointed. The trusses of flowers are not large, but they certainly are very numerous. It is equally as good a grower as Mme. Thibaut without the objectionable magenta color, which is Thibaut's great fault. This sterling variety should be known under its real name, if it is not Glorious, and recognized accordingly. If some of your readers would only throw some light on the subject, I for one would greatly appreciate same.

EDWIN LONSDALE.

KANSAS CITY, Mo.—A splendid holiday trade is reported by Samuel Murray. An increased demand for plants was noted.

WACO, TEX.—The Waco Floral Society held the first meeting of the year January 3. Mrs. Hengst, the new president, announced the standing committees for the year. Treasurer L. Migel was present.

MARKET GARDENS.

THE growing of melons under glass is increasing about Boston.

H. M. PASCHALL, of Holly Oak, Del., devotes about 20,000 square feet of space to mushrooms.

Prices of Indoor Vegetables.

The prices of indoor vegetables at leading points January 14 were as follows: New York, cucumbers, No. 1, \$1 to \$2 per dozen; No. 2, \$2.50 to \$3.50 per case; lettuce, 35 to 40 cents per dozen; mushrooms, 30 cents to 40 cents per pound; radishes, \$2.50 to \$2.75 per hundred; tomatoes, 18 cents to 20 cents per pound; rhubarb, \$1 to \$1.25 per dozen bunches. Buffalo, cucumbers, 50 cents to \$1 per dozen; tomatoes, 20 cents to 25 cents per pound. Pittsburgh, cucumbers, \$1.50 to \$1.75 per dozen. Philadelphia, mushrooms, 25 cents to 35 cents per pound. Cincinnati, cucumbers, \$1.50 to \$1.75 per dozen; Minneapolis, cucumbers, \$2.25 per dozen; St. Louis, cucumbers, \$2 per dozen. Chicago, cucumbers, \$2 per dozen; mushrooms, 20 cents to 35 cents per pound. Cleveland, mushrooms, 45 to 60 cents per pound. Detroit, cucumbers, \$1.60 per dozen; lettuce, 10 cents per pound. Denver, cucumbers, \$1.75 to \$2 per dozen.

Seasonable Suggestions.

The time for sowing seed of many vegetables is fast approaching and market gardeners with a local plant trade have been busy preparing flats in which to sow and transplant the young plants. Experience with such a trade has convinced us that for a number of vegetables which customers use in small quantities they are better placed in regular sized flats containing a given number of plants. Tomatoes, for instance, can be handled and transferred more satisfactorily if sold in the flat in which they grow, and for this purpose flats 6x8 inches and two and a half inches deep will hold six plants and 8x12 inches twelve plants. Flats of these sizes can be ordered at a box factory in any quantity. They can be made in 1/4-inch material with the sides "tongue and mortised," making a neat and presentable flat.

Another advantage of marketing such plants in flats is the fact that in growing them they may be spaced in the house or frames and thus prevent the plants becoming spindly. For shipping short distances, even by local freight, they prove a convenient package. For cabbage and lettuce the home-made flat is nearly always used, as less than fifty plants are rarely called for. The market gardener's ingenuity at this season is tested; as an instance of some of their practices is the way every available inch of space is used in the greenhouse. Brackets are fastened along stout partitions, whereon is placed light shelving. Seedlings are placed on them until other space becomes available. The hotbed sash has been repaired, the frames are dug out and some progress has been made in saving the hotbed material for them.

CABBAGE.—The first batch of cabbage is sown early in February in light soil. The shallow 8x12-inch flats are convenient. Transplanting must not be delayed until they become in any way spindly or drawn. Successional sowings at frequent intervals and including the full line of

vegetables for which there is a call will then be made. A great aid in saving the greenhouse space is utilizing the cold frames or hotbeds. About two feet depth of hotbed material is placed in them and the flats placed thereon. Considerable care is required in covering and uncovering, but when the work is systematized it fits in without much inconvenience. Watering may be done at the brightest time of the day, and for this work a brass rose or sprinkler attached to the

Poinsettias—Euphorbia—Bougainvillea.

ED. AM. FLORIST.—1. What is the proper way of finishing, cutting and shipping poinsettias? They are in 6-inch pots, about four feet high; the bracts started to develop about November 1 and are now eight to twelve inches across. I keep them at 65° at night and 80° on bright days. Are these temperatures right, or should the house be cooler to harden them? What price should they bring?

according to the length of stem and extent of bracts. The very best, four feet stems, and eighteen to twenty inches across the bracts, bring \$40 per 100.

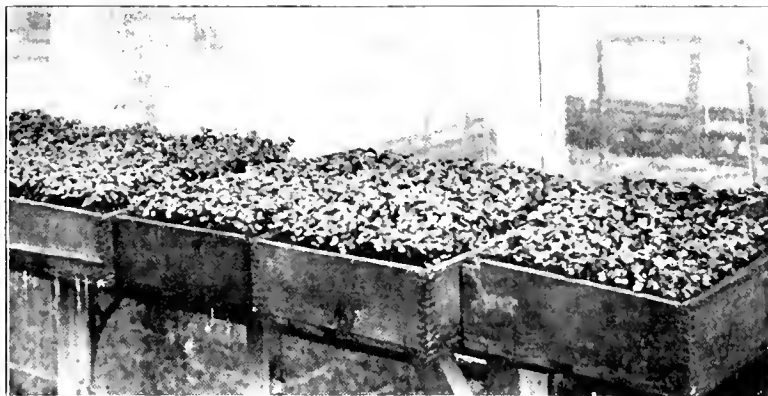
2. The same treatment as advised for poinsettias, in a general way, may be applied to *Euphorbia jacquiniæflora*. More of the latter could be used to advantage than is to be had at Christmas so far.

E. L.

3. It is questionable in many minds whether it is wise to have *Bougainvillea glabra Sanderiana* in bloom for Christmas, not being of the desirable cheerful color for that gay and festive season. However, if an effort is to be made, the plants should be induced to finish their growth as early as August. Then gradually withhold water so as to ripen the wood and give them a season of rest. The plants for Christmas forcing should be pot-grown entirely and not planted out in the open ground as may be done when the plants are needed for Easter.

To expect the bougainvilleas to bloom at the time indicated, the plants should be started not later than the first week in October. It is better to start thus early, to be on the safe side, for after the plants show the color of their bracts they may be kept in good condition for some time and held in readiness for Christmas.

E. D. W.



FLATS FOR VEGETABLE PLANTS, REGULATION SIZE.

end of the hose will do the work much more satisfactorily than an expert hose-man, especially in newly set flats.

THE LETTUCE HOUSE.—With the increasing strength of the sun and lengthening days the planted crops will mature more rapidly than heretofore, and the maturing of the second crop of lettuce can be reasonably estimated. A further succession of lettuce, planting to tomatoes or cucumbers, or devoting the house to the growing of vegetable plants for spring sales is determined according to the demands of the trade. In any case preparations must now be well under way.

RADISHES.—We have sowed radishes to some extent between the rows of lettuce and around the edge of the beds; these have been out of the way by the time the lettuce begins to head. In order to get the quickest returns the seed is screened, sowing only the largest and plumpest seed. The results fully warrant this practice. The rapid and thrifty growth is in contrast to a few rows of the smaller seed which are weak and will likely never produce a bulb.

MUSHROOMS.—The beds made up in November are giving satisfactory crops. We are now syringing the beds with water at 90° every other day, lightly of course. The material of one of the beds got a heavy rain before making up, which made it almost soggy; this bed, however, is producing a good crop, although at the time we feared it was too moist. It would seem that if the material is well cared for and sufficient time is allowed before making up to exhaust the violent heat, the bed may be made sufficiently moist to last until a good crop has been picked. It seems strange how rarely one loses on this crop for want of a customer; if only a pound is on hand someone drops in that needs them. Preparations for further beds should now be going forward.

FRANCIS CANNING.

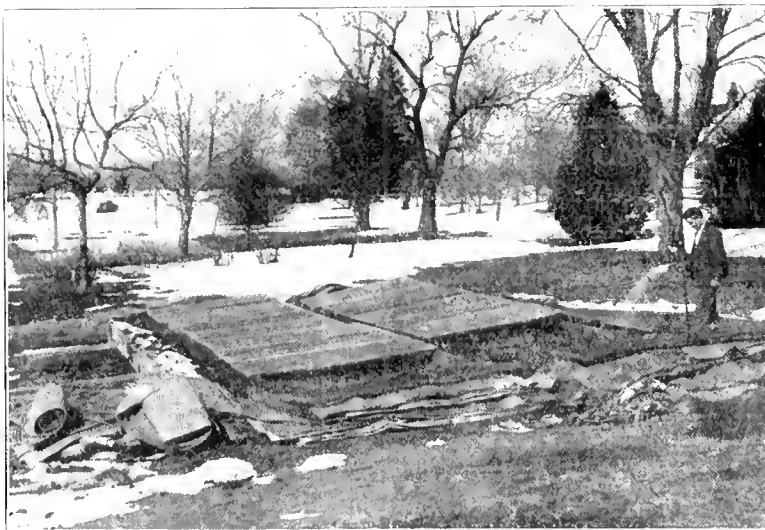
2. Does *Euphorbia jacquiniæflora* require the same treatment as poinsettias?

3. Can *Bougainvillea glabra Sanderiana* be had for Christmas successfully and what is the method? F. S.

1. Poinsettia plants should be kept on the dry side fifteen days or so before the stems are to be cut for use. When cut, the stems should be dipped into hot water and held there for a few seconds before placing them in the cold water to keep from wilting. The hot water seems to aid in keeping the milky sap from congealing, thus allowing water to be drawn through the stems. A temperature of 60° at night and 70° in day time is quite warm enough for poinsettias when they have extended their bracts fully. The price of poinsettias varies

Monmouth Horticultural Society.

The Monmouth County Horticultural Society installed its officers at the regular meeting January 6. Charles Wengerter and James Barron were elected to membership. H. A. Kettel exhibited three vases of tulips, which received 90 points; one vase of freesias scoring 90 points, and one vase of lily of the valley. George Kuhn exhibited violets. Geo. H. Hale exhibited a vase of *Euphorbia jacquiniæflora*. He grows it at the end of a house in a bench, treating it the same as the roses. Its beautiful sprays with the stems can be cut six feet long, making it useful for decorative purposes. It is seldom seen in this country, but is grown extensively in Europe. William Turner showed some fine cauliflower. A visitor at the meeting was W. N. Campbell, of Vaughan's Seed Store, Chicago, who made some flattering remarks about the society. Other remarks were made by the retiring president, Wm. Turner, Pres-



HARDENING OFF VEGETABLE PLANTS.

ident Hale, Vice-President Williams, Financial Secretary Kuhn and N. Butterbach. The judges of the evening were A. J. Williams, John A. Kennedy and John Yeomans.

Tribute to a Gardener.

ED. AMERICAN FLORIST. — Herewith enclosed is a memorial tribute from a woman to a dead gardener. I do not know the writer, nor had I more than a slight acquaintance, and that a business one, with the subject of her eulogy, but it seems to me that so loving and lovely a testimonial deserves a place in your widely read paper, as showing the influence of the true, the good and the beautiful, which an earnest florist may exert in a community; and as offering, apart from its personal application, almost a model encomium upon one in whose business transactions there ever shone forth courtesy, thoughtfulness, generosity and love for the calling in which he was engaged.

John Fallon carried on business for many years in Staunton, Va., and this kind and eloquent appreciation of him was published in one of the papers of that city.

W. B. S.

A TRIBUTE.

It has never been my lot to meet just such a grand old man as John Fallon. His life was as pure and beautiful as the flowers that bloomed under his watchful tending. No matter how rough the hands, nor how besotted the garments, the man who prepares the ground, selects and plants the seeds, waits and watches the sprouting, expects and hopes for the flowering, this man is obliged to realize what others cannot, in the voice of nature, and to grow beautiful in the heart and mind and soul.

Such was our noble-hearted townsman. Tender, courteous, kind and generous, he lived in an atmosphere of beauty which enriched his character and soul.

The rare sense of humor, the Irish wit, the honor and honesty of the man all made a visit to him a real pleasure, and I never left his presence without the feeling that I had learned something and knew myself better for contact with his pure and noble nature.

Few people of our town have not watched him go from plant to plant selecting the best always when he would bestow a flower upon his visitor, and as he cut the choicest buds his deep honest voice would tell of something good to hear, a bit of nature's history, or a touch of Irish wit and color. His generous life deserved success. Frequently I have desired a friendly word with the dear old man, but hesitated, because I knew that the best flower in his collection would be mine at my leaving. No one ever saw him give a faded or ugly flower, but his gift was sanctified by selection and perfection with a bit of himself and a grace all his own.

I could see in each bud love and adoration for his rich heart qualities, and in him the fragrance of association.

If the rose is the queen of flowers and the chrysanthemum the king of autumn, surely a human life spent in the presence of kindly and queenly beauty must fit this life for the kingdom on high.

Peace to the soul of one whose pure and noble life has left a benediction on all who knew him.

M. P. DUVAL.

British Trade Topics.

Arbor day is being popularized on this side of the Atlantic, and the movement is making progress, although slowly. E. D. Till has succeeded in making a start in Eynsford, Kent, where he has received the active co-operation of Henry Cannell, of Swanley, a well known nurseryman. Recently a number of trees were planted by the lady students of the Swanley Horticultural College so as acrostically to express two of Browning's opening lines in the poem of Rabbi Ben Ezra:

The best is yet to be.

The last of life, for which the first was made.

At the autumn shows the leading varieties of American carnations have been well to the fore. The free and vigorous habit of growth has caused this section to be grown extensively by nurserymen,

particularly the market growing section. At a recent meeting of the Royal Horticultural Society three American carnations exhibited by Bell & Sheldon, of Guernsey, received awards of merit. The varieties were Enchantress, Adonls and The President. Other kinds popular on this side are Mrs. T. W. Lawson, Queen Louise, Alba, Alpine Glow, Harry Fenn, Sybil, America and Melba, the latter holding its own although one of the first pale pink varieties introduced over here.

The Royal Horticultural Society entered on a new departure this week at their fine hall in Westminster in holding a show of colonial fruit. The exhibition was limited to the produce of countries north of the equator, a show having been arranged for the southern section in the spring. Interesting displays were made from British Columbia, Nova Scotia and West Indies. In the British section a cultural award of merit was granted to Messrs. Sutton & Sons, of Reading, for some very fine specimens of their Salmon Queen cyclamen. Next year this firm is sending out a new cyclamen, Sutton's Improved Giant Pink, with blooms of a delicate salmon pink tint. Among their other novelties are a new wallflower, Ellen Willmott, of a distinct pure ruby hue, an aster, Sutton's Mammoth Scarlet; a tuberous rooted begonia, Coral Pink; a double primula, Sutton's Duchess; a star primula, Lord Roberts, of brilliant salmon pink, etc.

The National Chrysanthemum Society finished up their series of shows at the Crystal Palace last week. On December 14 they made an addition to their ordinary programme of fixtures by holding a show of chrysanthemums suitable for market. The experiment proved successful, many of the leading trade growers rendering assistance. It has long been recognized that the market grower is not particularly interested in the mammoth blooms which are to be seen in the ordinary shows. He requires a larger number of medium sized flowers from each plant and he is not anxious to embark upon purchasing the untried expensive novelties. Most of the specimens grown have been well tried and found suitable for a long period as standard market varieties. For the single specimens in vases the principal prizes were taken by the following varieties: Yellow, Reiman; bronze, Tuxedo; white, Mdle. Therese Panckoucke; pink, Framfield Pink; crimson violet, Lady Beaumont. A

medal was offered for the best novelty, and this was taken by Golden Standard, a yellow sport from bronze Tuxedo, which has been brought out by C. E. Turner, nurseryman, of Hale, Liverpool, who received a first-class certificate from the society at the Crystal Palace show.

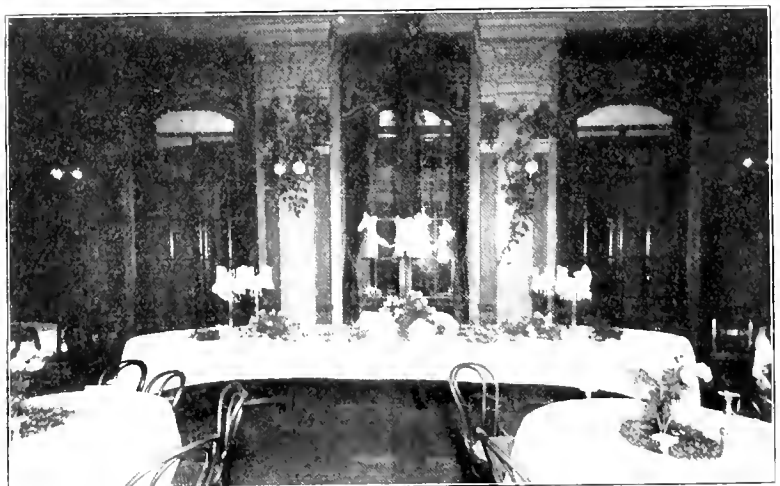
In connection with the antarctic voyage of Captain Scott, who is being lionized on his return, I learn that he took out some vegetable seeds supplied by Carter & Company, of High Holborn, London. Some unused portion of the seed has been returned to the firm, and a test lately made shows that there is but little deterioration in the germinative power notwithstanding the fact that they had passed twice through the tropics and were also exposed to the low temperature of 72° below freezing point.

Montreal Gardeners' and Florists' Club.

The annual dinner of the Montreal Gardeners' and Florists' Club, which was held in the Alexandria Rooms, St. Catherine street, Monday evening, was most successful, some fifty members and friends sitting down. The president, Joseph Bennett occupied the chair, and among those present were: George Trussell, A. Pinoteau, George Robinson, Alfred Wilshire, W. H. Horobin, C. A. Smith, Tom McHugh, Alex. Gibb, W. Ewing, J. McKenna, Frank McKenna, J. C. Eddy, H. J. Eddy, John Eddy, T. Pewtress, J. Walsh, W. Alcock, Craig, McQuarry, C. Mann, A. J. Bowles and Archie Walker.

After dinner the following toast list was carried out: "The King," "The honorary president, Lord Strathcona," "The Craft," responded to by James McKenna and John Eddy; "Sister Societies," responded to by G. A. Robinson, president of the Canadian Horticultural Association; A. J. Bowles, secretary-treasurer of the Montreal Horticultural Society, and T. J. Church, president of the Lachine Horticultural Society, and "The Seed Trade," responded to by William Ewing. During the evening songs were given by Messrs. McQuarry, Frank McKenna, W. C. McAllister, Archie Walker, Alex. Lee, Tom McHugh, Davis, J. Langford and A. Pinoteau, superintendent of Lafontaine park. Chas. Mann acted as accompanist.

MARION, IND.—F. W. Herleman has been in Findlay, O., visiting friends.



SIMPLE TABLE DECORATION AT THE ST. LOUIS CLUB.

(By the Ellison Floral Co., St. Louis, Mo.)

THE RETAIL TRADE

There's many a flower that blushes unseen,
But the man that the florist has laid for
Is the man who bestows on society's queen
The flower that blushes unpaid for.
—*Washington Evening Star.*

ONE of the department stores at Reading, Pa., was advertising carnation blooms last week at 20 cents a thousand.

FEARING that it would establish a bad precedent, the common council of Owosso, Mich., refused to buy \$3 worth of flowers for the funeral of an ex-alderman who died last week.

Decorations at Harry Lehr's Dinner.

Previous to the Astor ball Harry Lehr, the society leader, gave a dinner at the St. Regis, New York, for which the floral decorations were of an extremely liberal character. Joseph Leikens of 7 East Thirty-third street, was the florist in charge. The general decorations of the room were white and gold; consequently a floral decoration for the table in white was in entire harmony. The center of a round table seating 85 persons was filled almost entirely with white roses, green contrast being secured with a judicious use of *Adiantum Farleyense*. The table center piece was a lofty glass vase of large capacity filled with white roses. Corsage bouquets for the ladies and boutonnières for the gentlemen were of gardenias. Immense vases of American Beauty roses were disposed about the dining room and were in pleasing contrast with the table setting and the usual embellishment of the room. The general floral decoration was conceded to be the finest ever made at the St. Regis.

Smith Reception Decorations.

At a reception given by James Henry Smith, the multi-millionaire bachelor, at his Fifth avenue residence, formerly the home of the late Wm. C. Whitney, the decorations were lavish in character. The entrance hall was a veritable holly forest and the lower section of the stairway had a temporary roof covered with southern smilax, the effect of the whole heightened by numbers of tiny red incandescent lights, which seemed quite appropriate with the holly. In the massive hall above stairs masses of poinsettias were used in pleasing contrast with the carved stonework. The drawing room decorations consisted of palms and vases of cut flowers. In the magnificent ball room quantities of flowering Japanese quince and smilax shrubs were used to advantage. Other flowering shrubs and branches, in which forsythia was prominent, helped to create a general flower garden effect. White silk gauze and asparagus were the decorations for the electroliers. Supper was served at small tables in the banquet hall, in the corridors and conservatory, each table having a centerpiece of orchids. The walls contiguous to the tables were also hidden by masses of flowering plants which formed the major part of the general decorative scheme. The Rosary Flower Company had the decorations in charge.

The Astor Ball Decorations.

Brief reference was made last week to the decorations at the ball given by Mrs. Astor at her Fifth avenue residence, January 9. The immense hall of white marble was arranged with massive

groups of palms of various kinds, with ferns to fill in naked spots, and the whole relieved with masses of azaleas, principally red. There were also groups of poinsettias where they could be used to contrast with the azaleas. The area of the hall and the scheme of the decoration were in harmony and the distances available made pleasing contrasts possible in the use of both plants. Pink and white roses en masse were also brought into use, a judicious disposal of silver

prices. One sale Wednesday of nearly 20,000 blooms was made at an all around price of fifty cents, but there is plenty of business done at a much lower figure. Bulbous stock is here in profusion, and at times is hard to move. Jonquils are selling better, and bring from \$2 to \$3 per 100. Roman hyacinths bring \$1 to \$1.50 per 100, and Paper White narcissus the same prices. Roses are not overabundant, but there is nothing approaching a shortage, and prices are



STAIRWAY DECORATION AT THE ST. LOUIS CLUB.

(By the Ellison Floral Co., St. Louis, Mo.)

vases and other receptacles available in the mansion heightening the effect, which was of an alternating character as far as color was concerned.

Easter lilies were used in quantity, not only in the hallway but in the reception and drawing rooms. American Beauty roses in profusion and made-up baskets of plants and flowers, groups of orchids, etc., were prominent in some of the rooms, many of the baskets evidently tokens of friendship from the hostess' intimate acquaintances, and with the American Beauty roses forming no part of the florists' arrangements. Conspicuous among the decorations in one of the rooms was a large mass of *Lilium auratum*. There were no flowers on the supper tables, which were small and numerous, with the exception of Mrs. Astor's personal table, which was decorated with a magnificent bank of orchids. J. M. Hodgson had charge of the decorations.

New York.

THE MARKET.

There is a slight improvement noticeable in the cut flower market. Whether it is due to the weather, which certainly has been brighter, or not, no one ventures to say, but it is expected that it will be maintained and conditions materially changed for the better before another week has passed. The market is not overcrowded with stock and there is just enough business to clean things up nicely. A threatened glut in carnations has been, to a large extent averted, and these flowers have moved fairly well, except in the pink varieties which have dragged somewhat. Violets continue very plentiful, and do not command high

not influenced. Quite a lot of lilac is to be seen, but it does not move well, even at 75 cents per bunch, which seems to be the most dealers can get for it.

NOTES.

F. R. Pierson Company, of Tarrytown, has bought all the stock of a variegated Lawson which W. B. Arnold, of Rockland, Mass., has raised from a sport. The concern already has one or two benches of this variety and it is looking fine just now. Strong and sturdy in its growth, and its free blooming propensities very apparent, it is likely to prove a leader in the Lawson family. The flowers may be developed on the plant to the utmost and 3-inch blooms are possibilities which can be absolutely counted upon. The foliage is full and strong, and the main characteristics of the Lawson blood are accentuated in this variety. It is expected that dissemination will commence in 1906. The flower may properly be described as light ivory white, with cerise slashings not so pronounced as to destroy that perfect blending which distinguishes a pleasing variegation.

Frank Hahn, of Hahns', the Ninety-seventh and Broadway florists, is retiring from the concern. His interest has been acquired by Theodore E. Hahn, his partner, who will continue the business under the same name.

William Quinn, employed with Fred. Cook, Ninth avenue and Thirty-seventh street, was found dead at the store January 7. Death was due to natural causes.

A. C. Dacre of Young & Nugents' establishment, who has been on the sick list of late, leaves on Saturday for Old Point Comfort, Va., for a week or two.

Charles Weber, of Lynbrook, L. I., is

contemplating the addition of two new greenhouses to his establishment this spring.

Nephrolepis Scottii was conspicuous among the plant decorations at the Astor ball.

Alex. J. Guttman went to Boston on Tuesday to exhibit the Victory carnation.

The Shelly Floral Company has been incorporated with a capital of \$5,000.

Julius Roehrs is recuperating from his illness at Atlantic City, N. J.

Chicago.

THE MARKET.

Very little change has come over the market conditions prevailing for the past two weeks. Shipping keeps up consistently, but the demand is nothing unusual. Roses are decidedly scarce and prices for all grades of stock have been boosted. American Beauty are also a very scarce article and the ridiculously low prices of the past three weeks promise to be a thing of the past for the balance of the winter season. Carnations have advanced slightly in price. The supply is adequate for the calls, but there is much poor grade stock around. Splits are numerous. Colored varieties are more plentiful than for some time. Prices range all the way from 1½ to 6 cents for fancies. McKinley week is depended on for a general cleaning up in carnations. Bulbous stock continues to keep up a fair pace in point of demand. Tulips are arriving in greater variety, some few colored ones appearing. Good prices are realized for them. Violets continue in a druggery condition. Green goods move steadily.

NOTES.

Plans for connecting the north and south side boulevard systems at an estimated cost of \$4,500,000 have been approved by a committee representing the South park and Lincoln park boards and the city council.

John Cook, well known to the local trade and for some time with the Wealthy Avenue Floral Company of Grand Rapids, is now with the Grand Rapids Florists' Association at the Market.

George Scott, of E. F. Winterson Company is around again, after a siege with the grip. All the members of his family are yet confined to the house with the same malady.

The J. D. Thompson Carnation Company has secured John Yeager as foreman. He was with Peter Fisher, of Ells, Mass., two years in a similar capacity.

A. Lange is closing his retail store, corner of State and Monroe streets, at 6.30 p. m., Saturdays 8 p. m. during the winter months.

Leopold Koropp has purchased the stock and fixtures of the E. A. Asmus Company, and leased the store and greenhouses.

Weiland & Risch have been cutting Bride roses which look as if they had been grown especially for exhibition purposes.

Poehlmann Brothers Company is not embarrassed for the lack of good tea roses. Bridesmaid is particular fine now. Wietor Brothers are already handling a heavy carnation-cutting and rose plant trade. Their stock is uniformly good.

H. N. Bruns received a shipment of lily of the valley pips last week the freight and duty on which was over \$800.

Shipping trade at E. C. Auling's is in a decidedly healthy condition and the quality of his stock warrants it.

Mr. Smith, of Smith & Feters, Cleve-

land, was mingling among trade acquaintances and friends this week.

John Degnan, of E. F. Winterson Company has been absent from the office for a week. Tonsillitis.

The Florists' Club bowling team will commence the spring series the first week in February.

Kennicotts are showing the best violets seen here for some time.

Boston.

THE MARKET.

Trade is at a standstill and prices are off. There seems to be no demand from the out-of-town trade. This applies to all varieties of cut flowers. Violets are plentiful and can be obtained for almost nothing, many sales being made at \$1 for 300. Carnations are selling as low as \$1 per 100, with the price for fancy varieties in proportion. While the better class of roses are a little scarce there seems to be practically no call. The highest price obtainable for American Beauty roses is only \$4 per dozen. This slump is expected every year after Christmas, but this year it seems to be worse than ever. With good weather the retail trade should pick up and thus shed a beneficial influence upon the wholesale end.

NOTES.

The Lewis Conservatories, of Marlboro, have brought out a new carnation called the Mrs. W. L. Lewis, which is a cross between Mary Wood and Flora Hill. It is a pure white, a great producer and of good form. It will be exhibited in Chicago.

Sidney Hoffman, of Cambridge, had his new team struck by an electric car on Monday last. The wagon was badly smashed, but the driver was not seriously injured.

Henry Melota, formerly a partner of the late John Washington, has taken charge of the wire department of the George A. Sutherland Company.

W. B. Arnold, of Rockland, Mass., has produced a new variegated carnation from Lawson. F. R. Pierson, of Tarrytown, has contracted for the entire supply.

James S. Philbrick, of Woburn, was married last week and is receiving the congratulations of his friends.

E. N. Pierson, of Cromwell, Conn., and his shipper, William Anderson, were in town the past week. H. P. S.

Philadelphia.

THE MARKET.

The demand the past week has not kept pace with the supply, this being more particularly the case with long American Beauty roses and carnations. The growers of carnations seem to have a problem on hand, as very many more are coming than the market through its legitimate channels will take, and the curb stone brigade is finding it difficult to handle the surplus. The commission men say that they attribute the large stock not so much to extra plants, but to the fact that this flower has invariably done well with nearly all growers. There are many plans proposed that include the curtailing of the stock by the growers. This, however, is practically impossible; the law of supply and demand will have to regulate, as it has always done. In large lots of from 1,000 to 5,000 the prices are very low, \$5 per 1,000 being the limit. American Beauty roses are weakening a little, specials going for

\$7.50 per dozen. The other grades are poor, there being so many bullheads and off-colored flowers among them. Good Bridesmaid are now the best selling roses, 15 to 18 cents being the top price. Violets are down to \$1 and not quite up to the mark. Gardenias are more in evidence, 50 cents being still the price.

Pennock Brothers had a choice window decoration the past two weeks. The bed of the window was filled with Harris' Buttercup primrose and the space from the flowers to the top of the window was hung with a shower of narrow ½-inch yellow ribbon, some 2,000 yards being used. The effect was beautiful and attracted considerable attention.

K.

Baltimore.

THE MARKET.

At last we have some sunshine and clear, bright air, such as have been conspicuously absent from this latitude for weeks. Temperatures have ranged low, at night going down sometimes very close to the zero mark. A continuation of this experience will enlarge the output and vastly improve the quality of the cut flowers which find their market here, for, if the truth is to be told, this season's product has probably been the poorest in quantity and value of many years. To-day (Tuesday), the market is practically bare of flowers, and offers of funeral orders to be ready before night were turned down by some stores from insufficiency of material. Business calls for the past week were only moderate, otherwise a similar condition would have prevailed earlier. With improving weather there promises to be more social gaiety and trade will undoubtedly improve in the same proportion as the supply of flowers.

NOTES.

The Maryland Institute of Baltimore is an institution which has for its main object the instruction in art of young mechanics and artisans, though there are added schools of painting, charcoal drawing and sculpture. In its board of managers for many years a gardener has been included. The late James Pentland, at one time a large rose producer, and the originator of the Beauty of Greenmount, Woodland Margaret, George Peabody and Dr. Kane, varieties not without reputation in their day, and some fine camellias, when that beautiful, if formal flower, was in its hey-day, was for some thirty years one of its members. For some years past William B. Sands, of Lake Roland, has been on the board, and lately he was elected chairman of the committee on schools of art and design. This committee has the supervision of the operations of the schools, which include some forty teachers and nearly 1,300 students. The fine building of the institute was destroyed by the great fire in February last, but there was no interruption of its work, the schools being accommodated in temporary quarters. Now, by the collection of the insurance money, the gift from the state of \$175,000, a noble donation from Andrew Carnegie of \$263,000, the presentation of a splendid site, the institute has an accumulation of nearly \$600,000, and will proceed to erect a fine building to accommodate and rehabilitate its schools and museum.

An exception to the general complaint of ill-colored and weak necked roses is the crop from the Stevenson Brothers' grafted Bride and Bridesmaid. They are

fine for any season in stem and color and these young and progressive cultivators feel amply repaid for their extra trouble in preparing this stock. Out of 2,440 stalks grafted, they potted and planted on the tables 2,415 plants. This establishment is about the only place in this vicinity, so far as known to the writer, where provision is made for tempering the water used on the roses. They have installed a steam heater and feel that the results fully justify the expense.

Hans Schuler, son of Mrs. Schuler-Thomas, has married and with his bride will soon leave for Paris, where he will establish a studio of sculpture.

A son of C. Edward Akehurst, of White Marsh, Md., has been seriously ill of typhoid pneumonia, but he now shows signs of improvement. S. B.

Washington.

THE MARKET.

The second week of the new year was replete with social events in which high class decorations were leading features. A reception and dinners at the white house; a dinner by the American Institute of Architects at the Arlington hotel, and the Bachelors' german at the New Willard hotel, were among the leading events. It should be a source of satisfaction to the florist, be he ever so humble, that where wit, beauty and learning gather, the products of his toil are necessary to invest such scenes with their charm. In the composition of fine decorations I note that while the American Beauty rose is still prominent, Liberty is making a fine race. Geo. H. Cooke had during the week a lot of Liberty on two and three foot stems that were calculated to give American Beauty a jolt. The popularity of Bridesmaid shines with undiminished lustre, it being in constant demand. In carnations, while Enchantress and Lawson are the most popular, there has been a good demand for Prosperity and Mrs. Patten, and also for any variety of good scarlet. Poinsettias are in strong demand. Clarke Brothers have just reversed the usual order of things floral, by sending a shipment of poinsettias to Philadelphia. Tulips are in fair supply from local growers. Lily of the valley is plentiful. Cut Harrisii lilies are scarce but what can be had sell readily at from \$2.50 to \$3 per dozen. Violets are good both in quality and supply, but unfortunately we have not had much violet weather this year.

RECENT DECORATIONS.

A. Gude & Brother had the decoration for the dinner of the American Institute of Architects January 11, at the Arlington. In preparation for this decoration, everything was removed from the walls of the banquet hall, even to the chandeliers and brackets. A covering of cheese-cloth was then put on. The decoration began with a frieze of southern smilax in garlands made to scale to conform to the scheme. Boxes were erected for President and Mrs. Roosevelt. The boxes were decorated with twenty-one dozen American Beauty roses, in clusters of five each tied with satin ribbon. The tables were decorated with a frieze of asparagus and carnations. The whole scheme was unique and beautiful. Over 3,000 carnations were used in addition to the roses and other flowers.

George H. Cooke had two dinner decorations at the home of Senator Depew during the week. One was of Liberty roses and lily of the valley and the other of Bridesmaid roses and white lilac.

The decoration of the ball room of the New Willard for the Bachelors' cotillion, January 11, was by J. H. Small & Sons, and was an elaborate affair.

Z. D. Blackstone had an elaborate dinner decoration at the home of Vice-president-elect Fairbanks, on January 9.

NOTES.

A. Gude & Brother are exhibiting in their show windows bunches of John Cook's new roses Cardinal and Enchanter.

John Robertson is handling some fine specimens of *Metrosideros floribunda*, grown by Bowdler.

Clarke Brothers seem to be about the only growers who are not "all cut" in poinsettias.

The Pennocks, of Philadelphia, are shipping in a fine quality of roses and carnations.

Minder Brothers are cutting good roses and carnations and have a fueline of pot plants.

C. Ponnet, of Alexandria, Va., is sending in good mignonette.

Robert Bowdler is sending in fine jonquils. S. E.

St. Louis.

THE MARKET.

The market this week has been very slow, owing to the intense cold. Transient trade has been at a complete standstill and funeral work has been the only visible outlet for cut flowers. At time of writing, however, the weather is moderating. During the past week many shipments arrived badly frozen, poor packing being the cause in most instances. Carnations, owing, perhaps, to the severe cold, have arrived badly split and a great many have gone to waste. Prices have a downward tendency but if the weather should continue to moderate and remain clear prices will stiffen and the demand become more general. Carnations have sold at \$1 per 100 and good stock in small quantities at \$1.50 and \$2 per 100. Roses are coming in very poor color, especially pink. American Beauty are now much more plentiful but the demand has been very small. Many callas and Harrisii lilies have arrived badly frozen; they are selling at 10 to 12 cents. Smilax and greens are also plentiful.

NOTES.

The Florists' Club held its meeting Thursday last with twenty-one members present. A rate of \$10 was announced for florists who desire to attend the carnation meeting at Chicago, January 25. All those desiring to attend can obtain tickets by applying to J. J. Beneke at his store on Olive street. Mr. Jablonsky, of Wellston, Mo., brought forward a motion which was seconded, to raise subscriptions for the purpose of erecting a suitable building for the St. Louis Florists' Club to hold its meetings and conventions. This will be a good thing if it carries through.

At a meeting held last Tuesday at the Noonday Club, George E. Kessler, formerly chief landscape artist at the World's Fair, was appointed director-in-chief for the restoration of that portion of Forest park used for the fair purposes.

Alex. Siegel says transient trade is dead. Funeral work, of which he had plenty, alone prevented him from going rabbit hunting.

Ed. Buechel, secretary of the Riessen Floral Company, has had to remain in bed, his injuries being more serious than at first supposed.

The Egging Floral Company reports

trade generally dull, but lots of funeral work.

Ellison Floral Company has had some elaborate decorations at the St. Louis Club. See illustration page 1051.

George M. Kellogg sent in some nice American Beauty roses the past week.

Richard Frow is bringing in first-class narcissus. W. F.

San Francisco.

THE MARKET.

Although dark and rainy weather has succeeded the ideal article that was a contributory factor in the thriving holiday business, yet "activity in trade continues and blooms of good quality abound," is the report of Sievers & Boland, Frank Pelicano & Company, Podesta & Baldochi, Chas. Stappenbeck, Alex. Mann, Jr., and the George B. Jones Company. Normal prices again prevail, which means that the Christmas-New Year's rates have contracted from fifty to seventy-five per cent. The current retail quotations are now for long-stemmed American Beauty roses \$5 to \$7 per dozen; medium grades, \$2 to \$4 per dozen; shorts and other grades from 75 cents to \$2 per dozen; Bride, Bridesmaid, Meteor and Liberty, good, from \$2.50 to \$3.50 per dozen; carnations, best, \$3 per dozen. Poinsettias are still arriving in good quantities from Los Angeles and San Diego. Violets sell at 15 cents per bunch.

NOTES.

George B. Jones, pioneer florist, has retired from the trade, but his name, in headline letters, is retained in the store sign of his successors, Culligan & Company. J. F. Culligan was in the employ of Mr. Jones many years.

A popular lady florist "went awedding" this week, changing her name from Miss Mildred Mann to Mrs. Abe Reinhertz. This bride has been in the trade for some time with her brother, Alex. Mann, Jr.

T. J. Thompson, a graduate from the Thompson Nursery Company, of Santa Cruz, owned by his father, is now connected with the San Francisco store of Shanahan Florist Company.

Thos. H. Stevenson has abandoned his long established store on Powell street and will henceforth give his entire attention to his other store in the Palace hotel. MONNETTE.

Boise, Idaho.

For Christmas and New Year's there was a good supply of azaleas in bloom, which were picked up fast. Some florists sold carnations at 75 cents per dozen and roses \$1.25 per dozen, something hard to do at a profit in this part of the country, as coal retails for \$7.50 per ton and building is expensive here.

The Boise Floral Company had a large trade for the holidays. This firm also had a fine lot of Boston and Pierstoni ferns which sold well.

Henry Coates, formerly of Minneapolis, Minn., is working for the Boise Floral Company.

The Bayhouse Floral Company gave up its city store after a year's trial. H.

The Best Paper in the Trade.

AMERICAN FLORIST Co.:—I send herewith a money-order in payment of my subscription to the AMERICAN FLORIST. Your paper is all right, the best in the trade. F. G. CHAPMAN.

THE AMERICAN FLORIST

TWENTIETH YEAR.

Subscription, \$1.00 a year. To Europe, \$2.00.
Subscriptions accepted only from those
in the trade.

Advertisements, on all except cover pages,
10 Cents a Line, Agate; \$1.00 per inch.
Cash with Order.

No Special Position Guaranteed.

Discounts are allowed only on consecutive inser-
tions, as follows—6 times, 5 per cent; 13 times,
10 per cent; 26 times, 20 per cent;
52 times, 30 per cent.

Space on front pages and back cover page sold
only on yearly contract at \$1.00 per inch, net.

The advertising Department of the AMERICAN
FLORIST is for florists, seedsmen and nurserymen
and dealers in wares pertaining to those lines only.

Orders for less than one-half inch space not accepted.

Advertisements must reach us by Wednesday to
secure insertion in the issue for the following
Saturday. Address

AMERICAN FLORIST CO., Chicago.

When sending us change of address, always send
the old address at the same time.

SEND in your advertisements now for
our Special Carnation Number to be
issued next week.

ELMER D. SMITH's timely communica-
tion on the tariff, which appears on this
page, merits the earnest consideration of
everyone in the trade.

RED carnations will be in strong
demand for McKinley day, January 29,
notwithstanding the fact that the late
president was equally fond of all shades.

In answer to several correspondents
we wish to state that all the St. Louis
World's Fair awards in horticulture of
interest to our readers appeared in the
AMERICAN FLORIST of January 7, pages
975, 976 and 977, and in no other paper.
There has been such unusual demand for
this issue that we have no more copies
on sale.

Dorothy Faust or Mrs. Robert McArthur.

ED. AMERICAN FLORIST:—I see in a recent
issue of the AMERICAN FLORIST, that
the New York chrysanthemum commit-
tee through Eugene Dailedouze, chair-
man, in passing upon the merits of a
chrysanthemum sent to them as Dorothy
Faust decreed that it was a known vari-
ety, Mrs. Robert McArthur. In justice
to myself I feel that I should make some
statement and ask a few questions. If
it is McArthur how did I get it? I never
had and I do not think anybody else
around Philadelphia had McArthur or it
would have been recognized.

Four years ago I had a batch of
Bonnaillon in 3-inch pots, and wishing to
increase my supply I took the tops out
of each once. When I planted, I planted
all of the original 3-inch lot and all of
the plants produced from the top cut-
tings when they bloomed. Among the
latter I noticed this white, an unusually
clean, fine flower. I had bought no
chrysanthemums that year from any
one, and the year before only a lot of
Chadwick from Robert Craig, and
among the original batch of 3-inch
Bonnaillon I spoke of, there was no trace
of a white.

I carefully lifted this stranger among
my Bonnaillons, and the following year
had about twenty-five plants, showing
it to every one that came in, and the
next year had quite a bench full. Mr.
Craig saw it, so did Mr. Harris, and
neither of them knew it. At Mr. Craig's
suggestion I sent it to E. G. Hill, of
Richmond, Ind., who said it was an un-

usually fine white but could not help me
in naming it. I also sent a bloom to
Nathan Smith, Adrian, Mich., and he
could not place it. So I wonder, and
still the wonder grows, how this could
be Mrs. Robert McArthur. How did it
get among my plants? Could it be pos-
sible for two flowers to be so much alike
as to be mistaken for one another? If it
really is McArthur I am glad to find the
name for it. The only difference it will
make to me is I shall not sell any of the
stock, and those who wish to grow it
can buy McArthur and I shall grow my
own stock.

HARRY J. FAUST.

Tariff Revision Needed.

ED. AMERICAN FLORIST.—I notice the
authorities at Washington are consider-
ing the advisability of revising the tariff
schedules. It appears to me we are pay-
ing too much duty on several items in
which the florists are interested.

First of all is glass, which under the
present law is assessed 17½ cents per
pound on sizes not exceeding 16x24
inches. The duty per box for this size,
double strength (at an estimated weight
of eighty pounds per box), would be
\$1.50.

In 1896 we bought glass of this size
and strength, laid down in Adrian, Mich.,
at \$2.06 per box. It is safe to say that
\$1.50 covers the cost of manufacturing.

I have always believed in protective
tariff and do to-day, but I do not believe
in one that is oppressive, and think this
schedule should be changed.

I do not know your views on this sub-
ject, but it seems to me we ought to
keep in touch with the movements at
Washington, and when the right time
comes make a desperate effort to have
the leading florists write their representa-
tives and senators, urging them to con-
sider our needs.

I really believe congress is anxious to
make some changes along this line and
you understand as well as I do, there is
no time so good to strike as when the
other fellow is ready to act.

It also seems foolish that we should
pay duty upon bonafide novelties, things
that we must go to the other side for.

I shall be very glad to see the opinions
of others on this subject and if I can be
of any assistance will be only too glad
to co-operate.

ELMER D. SMITH.

[Our columns are open to the full dis-
cussion of this subject and comment is
invited.—Ed.]

Convention Hotel Rates.

For visitors to the forthcoming Chi-
cago convention of the American Carna-
tion Society hotel rates have been made
as follows: Auditorium and Annex, \$2
and upward; Great Northern, \$1.50 to
\$5; Stratford, \$1.50 to \$5; Victoria,
European plan, \$1.50 and upward,
American plan, \$3 and upward; Wellin-
gton, \$1 to \$5. Palmer House, \$1.50 to
\$3; Sherman House, \$1 and upward;
Saratoga Hotel, \$1 and upward.

Society of American Florists.

DEPARTMENT OF PLANT REGISTRATION.

H. D. Seele, Elkhart, Ind., submits for
registration the following new cannas:

Hon. W. R. Hearst, scarlet, mottled
and edged with golden yellow; outside of
petals almost pure yellow.

Senator Hanna, pure orange, tinged
with golden yellow.

Mrs. John A. Logan, scarlet, with
broad yellow golden border; resembles
Queen Charlotte.

Conard & Jones Company, West Grove,
Pa., submit for registration pillar rose
Garden's Glory (Pink Mme. Plantier) a
seedling from Dawson crossed with Clo-
thilde Soupert. Flowers large, double,
rose pink, fragrant, in large clusters.
Plant strong grower, hardy, almost
thornless. Resembles Mme. Plantier in
habit and abundance of bloom.

Patten & Company, Tewksbury, Mass.,
submit for registration the following
carnations: Mikado, a variegated seed-
ling of 1902 (Gov. Roosevelt × Pros-
perity); style of growth similar to Gov.
Roosevelt; color, white overlaid with
crimson; size of bloom, 3 to 3½ inches.
Pink Patten, a sport from Mrs. M. A.
Patten; color, clear, dark pink.

WM. J. STEWART, Sec'y.

The Lewis and Clark Centennial.

The ground plan of the centennial
exposition at Portland this year does not
indicate any place for a horticultural
building. In our issue of January 7, page
976, there was an illustration showing
the agriculture and horticulture building,
but the experimental gardens seem to
cover the section nearest related to hor-
ticultural work. These are laid out on
one side at some little distance and
entirely apart from the group of build-
ings representing the general depart-
ments of the exposition. Henry E. Dosch,
director of exhibits, has charge of the
horticultural department at present.

Meetings Next Week.

[Secretaries of societies are requested to send
us advance information of special meetings, and
of changes in dates of regular meetings.]

Baltimore, Md.—Gardener's Club of
Baltimore, Royal Arcanum building, 18
W. Saratoga street, Monday, January
23, at 8 p. m.

Boston, Mass.—Massachusetts Horti-
cultural Society, Horticultural Hall, 300
Massachusetts avenue, Saturday, Janu-
ary 28, at 11 a. m. General discussion
on fruit, opened by E. W. Wood.

Champaign, Ill.—Corn Growers' Con-
vention opens January 23.

Chicago.—American Carnation Society
banquet, Auditorium hotel, January 26.

Cleveland, O.—Cleveland Florists' Club,
Progress hall, 244 Detroit street, Mon-
day, January 23, at 7:30 p. m.

Denver, Colo.—Denver Floral Club,
323 Charles block, Friday January 27,
at 8 p. m.

Grand Rapids, Mich.—Grand Rapids
Florists' Club, Board of Trade rooms,
Pearl street, Monday, January 23.

Hartford, Conn.—Hartford Florists'
Club, Friday, January 27, at 8 p. m.

Rochester, N. Y.—Western New York
Horticultural Society, Wednesday, Janu-
ary 25.

Rochester, N. Y.—Eastern Association
of Nurserymen, Saturday, January 28.

Salt Lake City, Utah.—Salt Lake
Florists' Society, Friday, January 27.

Tarrytown, N. Y.—Tarrytown Horti-
cultural Society, Thursday, January 26.

Worcester, Mass.—Worcester Horti-
cultural Society, Horticultural hall, Thurs-
day, January 26, at 2:30 p. m. Lecture
on "Boys' Education by Doing," by Frank
L. Johnson, illustrated by samples of
boys' work.

PRESIDENT ROOSEVELT says it is better
to be faithful than famous.

Catalogues Received.

F. Barteldes & Company, Lawrence, Kan., seeds; The Philadelphia Lawn Mower Company, Philadelphia, Pa., lawn mowers; W. Atlee Burpee & Company, Philadelphia, Pa., vegetable and flower seeds; Huntington & Page, Indianapolis, Ind., seeds; Iowa Seed Company, Des Moines, Ia., seeds; The Leonard Seed Company, Chicago, seeds, plants and bulbs; William Elliott & Sons, New York, seeds; Peter Henderson & Company, New York, seeds, implements, etc.; J. M. Thorburn & Company, New York, seeds; Chicago Carnation Company, Joliet, Ill., carnations; Friedr. C. Pomrencke, Altona-Hamburg, Germany, seeds; John Sharpe & Son, Bardney, Lincoln, Eng., seeds; Richard Vincent, Jr., & Son, White Marsh, Md., geraniums; Carl Beck & Company, Quedlinburg, Germany, seeds; A. Leuthy & Company, Roslindale, Boston, Mass., palms, ferns and decorative plants; Max Kornacker, Wehrden a. d. Weser, Germany, seeds; Roustan Servan & Company, Saint-Remy-De-Provence, France, seeds; H. A. Terry, Crescent, Ia., peonies; Morrisville Nurseries, Morrisville, Pa., nursery stock; Thaddeus N. Yates & Company, Philadelphia, Pa., evergreen trees; J. M. Thorburn & Company, New York, seeds; Gustav & J. W. Ludwig, Allegheny, Pa., flowers and designs; A. N. Pierson, Cromwell, Conn., plants; H. A. Terry, Crescent, Ia., peonies; John Lewis Childs, Floral Park, N. Y., seeds and plants; Baur & Smith, Indianapolis, Ind., carnations; William Toole, Baraboo, Wis., pansy plants and seeds; Oscar H. Will & Company, Bismarck, N. D., trees and seeds; D. Landreth Seed Company, Bristol, Pa., seeds; R. & J. Farquhar & Company, Boston, Mass., plants and seeds; Henry A. Dreer, Philadelphia, Pa., plants, seeds, implements, etc.; Old Colony Nursery, Plymouth, Mass., nursery stock; Cole's Seed Store, Pella, Ia., seeds and implements; W. N. Scarff, New Carlisle, O., fruit plants; George H. Mellen Company, Springfield, O., plants and seeds; Nanz & Neuner, Louisville, Ky., plants, bulbs, seeds, etc.; Henry Nungesser & Company, New York, grass and clover seeds.

OBITUARY.

Dan Newsham.

Dan Newsham, one of the best known horticulturists in the south, died January 15 at the Touro infirmary, New Orleans, La. He had been taken to the hospital a few days previous suffering from appendicitis and submitted to an operation, which proved too late, and the patient collapsed within twenty-four hours. He had returned from St. Louis, Mo., less than a month ago, after closing up the state's exhibit there, and had fairly settled down to the work at home. He had made all the arrangements for entering into business with his brother, the plan being to form a connection with the Steckler Seed Company. Mr. Newsham was to have been married in a short time. The deceased was just 35 years of age. Born in Lancashire, Eng., he came to this country some twenty years ago, and had lived in New Orleans fourteen years. Before going to New Orleans he had charge of the orchid collection of W. H. Brown, at St. Louis. In New Orleans he was employed by Frank Bryan, whose fine gardens he had in charge for eight years. Later he was superintendent of

the establishment of Mrs. W. W. Gordon. He was secretary of the New Orleans Horticultural Society, resigning that position when he went to St. Louis to take charge of the Louisiana exhibit, under the supervision of Dr. W. C. Stubbs. He was a prominent and successful exhibitor at the local shows, a leading member of Stonehenge Grove No. 28, United Ancient Order of Druids, and a wellknown cricketer. He leaves a brother, J. A. Newsham, the only relative living in this country.

SPRINGFIELD, O.—The Callander Cactus Company was incorporated last week with a capital of \$5,000, the incorporators being J. H. Callander, H. L. Callander, Wm. M. Mumm, C. M. Kleinman and L. Bradford. Cacti, orchids and miscellaneous plants will be handled.

SITUATIONS, WANTS, FOR SALE.

One Cent Per Word.

Cash with Adv.

Plant Ads. NOT admitted under this head.

Every paid subscriber to the AMERICAN FLORIST for the year 1905 is entitled to a five-line WANT ADV. (situations only) free to be used at any time during the year.

Situation Wanted—By sober, industrious young man, age 25; a good all-around experience. Good references. Private or commercial. State wages. Box 125, care American Florist.

Situation Wanted—By a practical florist; German, 15 years' experience. Best references if required. G. BANTEL, 4340 Chouteau Ave., St. Louis, Mo.

Situation Wanted By young man with some experience as assistant in rose or carnation houses. Address FLORIST, 224 W. Fulton St., Grand Rapids, Mich.

Situation Wanted—By a practical all-around grower to manage a small place. Middle-aged, single; state wages. Address WM. KIRKHAM, 154 S. Clark St., Chicago.

Situation Wanted By first-class florist, German, 38; cut flowers, palms, decorative and bedding plants; as foreman or to take charge of commercial or private place. Address E B 38, P. O. Boston, Mass.

Situation Wanted—After February 1, as carnation grower, by an industrious young man. At present engaged at the J. D. Thompson Carnation Co. Good reference. State wages. Address Box 129, care American Florist.

Situation Wanted—By an experienced rose grafter. Grower of roses, carnations and general stock. German, single, aged 32. Capable to take full charge. References. Address Box 121, care American Florist.

Situation Wanted—By up-to-date florist. First-class designer and decorator; highest references as manager of large establishment; wishes first-class position to take charge of store. Address WM. SPETA, 530 Grant St., Pottstown, Pa.

Situation Wanted—By gardener and florist, single, age 29, on private place where practical man is required; life experience in greenhouses, landscaping, vegetables. Best of references. GARDENER, 527 Courtland St., New York City.

Situation Wanted—By practical florist; 18 years' experience in cut flowers and plants for catalogue trade. Lorraine begonia a specialty. Strictly temperate; 4 years in last place; married, age 35. Massachusetts preferred. Address Box 133, American Florist.

Situation Wanted—Experienced gardener, for seventeen years with large city park system, is open for engagement as commercial or private gardener. Irish-American, 54 years, married. Must be a good place; references. Address Box 127, care American Florist.

Situation Wanted—As head gardener on private or commercial place. Experienced; good rose grower; Scotch, 38 years old, married. Want a good place, with salary not under \$60.00 per month with house. References. Address Box 126, care American Florist.

Situation Wanted—By first-class grower of roses, carnations, mums, palms, orchids and general line of bedding stock, also good designer, landscape, etc. to take charge. Can come at once if desired; married, no children. Please state salary and particulars. Address Box 130, care American Florist.

Situation Wanted—A capable man of 28, single, with life experience in greenhouses and nursery. A grower of cut flowers; perfect grafter and propagator. Desires to change his position as foreman or to take entire charge of a first-class commercial or private place. East preferred. Box 132, care American Florist.

Help Wanted—Young man to learn the florist trade, from 15 to 18 years of age. Apply to JOHN L. WYLAND, De Haven, Pa.

Help Wanted—A good man for ferns, palms, bulbs, etc. Must be handy at storework if needed. H. P. HALLE, 548 W. Madison St., Chicago.

Help Wanted—Young man with some experience as decorator and store man. Address OCEAN PARK FLORAL CO., Ocean Park, Cal.

Help Wanted—A florist for small retail place; age 30 to 40, German preferred. Good chance for the right man to work in as partner. Apply to Box 120, care American Florist.

Help Wanted—Man who understands bedding plants, to take charge of place of 10,000 feet of glass devoted to this line. Must come well recommended. Address Box 128, care American Florist.

Help Wanted—Thoroughly competent young man to assist with growing, etc., in the carnation department. State age, experience and wages expected. Address Box 124, care American Florist.

Help Wanted—Assistant gardener who has had considerable experience with vegetables. Salary \$25.00 per month including room, board and laundry. Single man preferred. Address Box 123, care American Florist.

Help Wanted—Foreman, one who understands growing carnations, roses, mums and general stock, with thorough knowledge of design work. Must be sober, industrious and have good references. State wages expected with house rent. S. N. PENTECOST, 701 Republic St., Cleveland, O.

Help Wanted—Working foreman for large commercial place, where the best of everything in cut flowers is grown. Only thoroughly competent man wanted. One who can handle a large amount of men successfully with the best results. Mr. Gasser will be at the Chicago Carnation Meeting where he can be seen or address THE GASSER CO., Euclid Ave., Cleveland, O.

Help Wanted—If there is a young florist, 24 to 35, (a section man on modern place, or one engaged where there isn't room for his ability) with credentials to show that he can propagate and grow good roses and manage 25,000 feet of glass; experienced, intelligent, practical, married and not afraid to work, there is open to him, a working foreman's place, with a future to it, fair treatment, pleasant location, wages \$55.00 to start. This is not a new venture, but a going and paying business where energy and new blood are wanted. Location east of Pittsburgh. Address with details and references. Box 134, care American Florist.

For Sale—Retail flower store; good location, Chicago. Box 131, care American Florist.

For Sale—Greenhouses; 7,000 feet of glass in good condition, stocked with roses, carnations, palms, etc., in southern Indiana. Last year's sales, \$5,000. Price, \$3,300. Don't write unless you mean business. For particulars and reasons for selling address Box 119, care American Florist.

For Sale—At a bargain, three greenhouses (10,000 feet of double strength glass) been built four years, are in very good condition, heated by steam, planted with the best varieties of carnations in the pink of condition; located one mile outside city limits of Detroit on Michigan Ave. car service every 30 minutes each way. This place must be seen to be appreciated. Will sell any number of lots from three to sixteen, each 30x125. T. F. BROWNE, Greenfield, Mich.

For Rent—At Frederick, Md., greenhouses 18x63, 11x107, 20x162, boiler room 18x60, equipped with No. 8 Furman boiler, and small heater; large mushroom cellar, stable, about two acres of ground; dwelling for rent in immediate neighborhood; coal, manure, labor cheap, city water; no stock on hand. Rent \$300 per annum, half payable in advance every six months. Ill health of owner compelled retirement from successful business; principally vegetables under glass and mushrooms for Washington and New York. HENRY TRAIL, Frederick, Md.

Cleveland.

Business since New Year's has been quiet. Carnations are becoming more plentiful and range in prices from \$2 to \$5 for the best. Teas are bringing from \$4 to \$12, and \$6 per dozen will buy first-class American Beauty roses. Violets are plentiful.

At the last regular meeting of the Florists' Club it was decided to hold a carnation exhibition and smoker on Monday evening, February 13. All members are requested to be on hand and to bring along any carnations or other flower which may be a little better than the other fellow's. The club appointed a permanent committee on awards. In judging, the scale of points adopted by the American rose, carnation and chrysanthemum societies will be adopted. Certificates of merit will be awarded. Send exhibits to Isaac Kennedy, secretary, care of Cleveland Cut Flower Company, 52 High street, Cleveland, and they will be taken care of and staged.

A vase of the new rose Richmond was on exhibition at the last club meeting. The color and fragrance were very much admired.

Harry Jones, head decorator for the J. M. Gasser Company has gone on an eastern trip for a week.

Visitor, Robert George, Painesville, O.
ECHO.

Buffalo.

Cold and blustering weather has been our portion for another week, but an increase in business is noted regardless of the weather.

The Florists' Club held its meeting on Friday. It was largely attended and much business was transacted. The schedule for the Sweeney show was carefully gone over and a few changes made and the official schedule will be issued soon. The show will take place April 11 to 14, 1905, and the classes will enable out-of-town growers to enter. It is an experiment in Buffalo and we hope it will be a success. Easter coming as late as it does this year should be a better inducement to the growers to exhibit. The classes are not so numerous as at fall shows, but there are more sections. Roses and carnations have liberal prizes and should insure good competition. Wm. Scott was with us and all were pleased to see him out and able to preside. The nomination of officers will take place about February 15 and election at next meeting.

McKinley day, January 29, will bring forth a good call for carnations. The day coming on Sunday will divide the sales, but should Sunday be pleasant the sale will be good; 10 cents each will be the price here.

D. B. Long is getting out a very tasty and novel card for McKinley day.

Recent visitors: C. B. Kinckman, New York; E. T. Kinney, Zanesville, O.; J. W. Lucas, Jr., New York.

Milwaukee.

Trade has been rather quiet the past two weeks, with sufficient stock to meet all demands. Tea roses are in short supply, while carnations are to be had at rather low prices for this time of the year. Harrisii lilies are in good demand, as is also lily of the valley.

The indications are that a considerable number of carnation growers will attend the meeting of the American Carnation Society to be held in Chicago next week. Efforts are being made to have a heavy

representation and special rates have been secured. Transportation is in the hands of F. H. Holton.

Mr. and Mrs. Edlefsen, who have been spending some time in the east, have returned.

Mrs. Josephine Loell, mother of Mrs. F. H. Holton, died last Friday of pneumonia.

Recent visitors: J. E. Matthewson, Sheboygan, Wis.; E. Haentze, Fond du Lac, Wis.; John Olson, Racine, Wis.

V. H.

Providence, R. I.

The Florists' and Gardeners' Club held its annual banquet and installation of officers at the Hotel Newman, Thursday evening, January 12. To say that it was the most successful affair for several years is putting it mildly, for everything, from the food to the speeches, was of the best order. The committee was highly praised for its work of arranging for the meeting and considerable credit is due Caterer Mansfield for the elaborate and splendidly served menu, which included a \$2 dinner on a \$1.50 ticket. The newly installed officers were J. Schellinger, president; T. J. Johnston, vice-president; W. E. Chappell, secretary; A. Rennie, treasurer.

Several invited guests from out of town graced the center table and responded to the toasts of the evening, among whom were the following: Profs. Wheeler and Card, of Kingston College; W. C. Smith, of the Rhode Island Horticultural Society; Secretary W. J. Stewart, of Boston, Mass.; Superintendent Fitts, of Roger Williams park and A. L. Bryant, of A. H. Hews & Company, Cambridge, Mass.

Thirty-six covers were laid, and all expenses were more than met by the arrangement committee, so that the affair will pass on as a constant reminder of what the next or tenth annual banquet must be.
M.

Detroit.

A party of eighteen or more from this city will attend the carnation meeting in Chicago next week, leaving Detroit Tuesday, January 24, on the Michigan Central railroad, at 1:55 p. m. John Breitmeyer's Sons will be the only growers from here to make an exhibit, so far as learned to date.

E. G. Hill, of Richmond, Ind., was a visitor this week and exhibited his new rose, Richmond, at the meeting of the Florists' Club, January 18. Mr. Hill had just returned from Toronto, Ont., and his comments on the trade topics of the day were of the usual interesting character.

Robert Watson, president of the Florists' Club, is still seriously ill.

J. F. S.

Syracuse, N. Y.

Society, which was dull just after the holidays, has livened up and trade is better than it has been since Christmas. The principal demand is for carnations and roses and there is a scarcity of good stock. The prices remain firm, roses bringing \$2 to \$3, violets, \$2.50, and carnations \$1 to \$1.50.

Wheadon & Hencle on Monday made a novel funeral wreath of smilax, violets and pink roses. The effect of the violets nestling among the roses was extremely beautiful.

Bard & Davis delivered their first tulips last Thursday. This is the first of

the bulbous stock this season. This firm is cutting some fine carnations.

A. J. B.

New Bedford, Mass.

The annual meeting of the New Bedford Horticultural Society was held in the Y. M. C. A. building last week and the reports of the officers showed that the society is in a prosperous condition. There are now more than 100 members, the number having doubled during the past twelve months. The financial report showed that the sum of \$125 had been added to the treasury during the year 1904. The members decided to have the annual supper on Tuesday evening, February 28. The following officers were elected: President, William Keith; vice-president, Frank C. Barrows; treasurer, William A. Gibbs; secretary, Joseph C. Forbes; assistant secretary, George Woods; executive committee, Dennis Shea, James Garthly, H. August Jahn, Andrew J. Fish, George N. Borden.

The following new members were elected: Wm. C. Taher, H. E. Cushman, N. C. Hathaway, Dr. C. R. Hunt, Thos. S. Hathaway, Rodolphus C. Wicks, Frederick Grinnell, Mrs. H. Hathaway, C. C. Simmons, Joseph S. Webster, Thos. M. Stetson, Edward E. Stetson.

Osage, Ia.

The Perry Florists' Association held a three days' midwinter session at the greenhouse of W. S. Hall. As at former meetings, a most profitable and social time was had. There was a good display of cut flowers and much might be said about them. The blooms of the new red carnation, Robert Craig, from the J. D. Thompson Carnation Company, Joliet, Ill., attracted considerable attention and all pronounced it fine. An exhibit made by C. C. Pollworth Company of Chatenay roses arranged with stevia was fine. A. N. Kinsman, of Austin, Minn., was elected president and W. S. Hall, secretary and treasurer. The next meeting will be held at Decorah, Ia., at W. T. Symonds' place some time in July.

Thompsonville, Conn.

Chester F. Brainard, who for the past six years has been in the employ of his brother, D. Wm. Brainard, the florist at this place, has purchased from P. N. Allen a tract of about ten acres of land known as the J. B. Allen farm. The land is on the main trolley line between Hartford and Springfield in the north end of the village of Thompsonville. Mr. Brainard expects to start into the nursery, plant and bulb business this coming spring, though it is his plan to work into the wholesale florist business as well. Operations will be commenced as soon as possible in the spring and some building will be done this coming season.

ATLANTA, GA.—W. F. Will, aged 63 years, foreman of the cut flower department of the Nunnally Company, died suddenly January 6.

NEWTON, MASS.—James W. Denning died at his home on Clinton street December 31, 1904, after a short illness, aged 35 years.

AUBURN, ME.—Hugh Roak, son of Geo. M. Roak, florist, was married to Miss Mabel Dingley at South Lewiston, December 28, 1904.

Quality—Service—Price.

We put quality first in telling of our goods and in the selling of them. We claim, and our customers will back the claim, that we furnish consistently and continuously the best grades of every variety of flower shown or sold by western growers. "The recollection of quality remains long after the price is forgotten."

Service comes next, and our service comes first when compared with that of any other house in our line. We make this assertion because it is a good assertion to make and we make good on it every time.

By service we mean this: the proper packing and prompt shipment of flowers, coupled with every reasonable and desirable courtesy. "Nothing is a trouble that helps us serve a customer."

We don't quote prices or brag about them, because price is our last argument. We simply state that we will ship you the best flowers in the market at the least possible prices, invariably.

We issue a price list regularly. Write us and we will put you on the list.

Special. Our roses are conceded to have been uniformly the best shown in this market this season. Try them once; you will always buy them.

Weiland & Risch,

Leading Western Growers and Shippers of Cut Flowers.

'Phone Long Distance Central 879.

59 Wabash Ave., Chicago.

ASTERS

THE TWO NEW VARIETIES

BENTHEY'S WHITE

BENTHEY'S PINK

Will produce more high-class salable flowers than any variety now in commerce. They are branching varieties producing blooms from three to five inches in diameter on fine stems from 30 to 40 inches in length. Favorite Asters in Chicago and St. Louis Markets the past season.

—PRICE LIST—

Trade package, white or pink, \$1.00.

¼-oz., white or pink, \$2.50.

½-oz., white or pink, \$4.50.

1-oz., white or pink, \$8.00.

The Benthley-Coatsworth Co.,
WHOLESALE FLORISTS

35 Randolph St., CHICAGO.

THE HARDY ANNUAL OF THE CENTURY

Nicotiana Sanderae

Silver Medal Massachusetts Horticultural Society 1904. Gold Medals and First-Class Certificates awarded at principal European Exhibitions.

Thousands of glowing carmine blossoms produced on a single bush. Seeds in original packets from seedsmen throughout the United States.

SANDER & SONS, St. Albans, England.

WHOLESALE AGENTS FOR THE UNITED STATES:

HENRY A. DREER, Chestnut St., Philadelphia, Pa.

J. M. THORBURN, Cortlandt St., New York.

VAUGHAN'S SEED STORE, Chicago and New York.

NEW ASTER Miss Kate Lock

41 inches high. Blooms from 6 to 7 inches across, stems 36 to 39 inches long. Very robust growth; has been grown 48 inches high. Colors, white, daybreak and mixed; price, \$2.00 per 1000 seeds. Never been beat; sold only in 1000 seed packages. No agents. ORIGINATOR,

J. H. LOCK, 41 Manchester Ave., Toronto, Can. Prov. of Ontario.

Telegraph Code

OF THE

Am. Seed Trade Association

\$2.00

In either stiff or flexible cover. Address orders to
AMERICAN FLORIST CO., CHICAGO.

CARL BECK & CO.

SEED MERCHANTS AND SEED GROWERS.

QUEDLINBURG, (Germany.)

**Mangel Wurzel and Sugar Beet Seeds
A SPECIALTY.**



We offer an immense stock of all seeds at moderate prices, to the trade only. General Catalogues free on application. English Correspondence.

SPECIAL PRICES FOR LARGE QUANTITIES ON DEMAND.

—Telegram Address: SAMENEXPORT, Quedlinburg.—

WESTERN SEED COMPANY,

Largest Wholesale and Retail Growers of Field Seed Corn in the U. S. We do a general retail mail order business in all kinds of Field, Garden and Flower Seeds. We are always in the market to buy or to sell all kinds of seeds in large or small quantities. If interested, ask for our FREE ANNUAL SEED CATALOG.

WESTERN SEED CO., Shenandoah, Iowa.

ASPARAGUS PLUMOSUS NANUS SEED.

Present season crop. 250,000 at \$2.25 per 1000 in quantities to suit. Early orders solicited. Delivery in February.

Rees & Compere,
LONG BEACH, CAL., R. F. D. No. 1.

MOLLER'S

Deutsche Gartner Zeitung

The most widely circulated German gardening journal, treating of all departments of horticulture and floriculture. Numerous eminent correspondents in all parts of the world. An advertising medium of the highest class.

Moller's Deutsche Gartner Zeitung is published weekly and richly illustrated. Subscription \$3.00 per annum, including postage. Sample copies free.

LUDVIG MOLLER, Erfurt, Germany.

Eine absolute Nothwendigkeit!

Hiermit \$1.00 für mein Abonnement. Es ist die Pflicht eines Jeden prompt für den "American Florist" zu bezahlen, weil dieser eine absolute Nothwendigkeit für jeden Blumenzüchter ist.

Carl Roegner, Alabama.

PETER REINBERG

51 Wabash Ave., CHICAGO.

Wholesale Cut Flowers

**LARGEST GROWER
IN THE WORLD.**

Price List.

| AMERICAN BEAUTIES— | Per doz. |
|------------------------------------------------------------------------------------------------------|-----------------|
| Extra Select..... | \$ 4.00 |
| 30-inch stems..... | 3.00 |
| 24-inch stems..... | 2.00 |
| 18-inch stems..... | 1.50 |
| 15-inch stems..... | 1.25 |
| 12-inch stems..... | 1.00 |
| Short stems..... | .75 |
| | Per 100 |
| LIBERTY..... | \$8.00 to 15.00 |
| CHATENAY..... | 8.00 to 12.00 |
| MAIDS AND BRIDES..... | 6.00 to 10.00 |
| PERLE..... | 6.00 to 8.00 |
| UNCLE JOHN..... | 6.00 to 12.00 |
| SUNRISE..... | 6.00 to 10.00 |
| CARNATIONS..... | 3.00 to 4.00 |
| All flowers are perfectly fresh and properly packed. No charge for P. & D. on orders over \$5.00. | |

GARDNER, MASS.—Fire on the night of January 1 destroyed the large barn of the Riverside Greenhouse Company, causing a loss of \$2,000. The firm grows cut flowers and lettuce for the Boston and Worcester markets.

E. H. Hunt,
WHOLESALE
Cut Flowers
"THE OLD RELIABLE."
76 Wabash Ave..CHICAGO.
Wholesale Flower Markets

| | | | |
|-------------------------------|--------------|--|--|
| MILWAUKEE, Jan. 19. | | | |
| Roses, Beauty, long, per doz. | 5.00 | | |
| " " med. " 2.00@ 3.00 | | | |
| " " short " 1.00 | | | |
| " Liberty..... | 5.00@ 12.00 | | |
| " Chateaux..... | 4.00@ 12.00 | | |
| " Bride, Bridesmaid..... | 3.00@ 10.00 | | |
| " Meteor, Golden Gate..... | 3.00@ 10.00 | | |
| " Perle..... | 3.00@ 8.00 | | |
| Carnations..... | 1.00@ 4.00 | | |
| Smilax..... | 12.50@ 15.00 | | |
| Asparagus sprays..... | 2.00@ 3.00 | | |
| Valley..... | 3.00@ 4.00 | | |
| Adiantum..... | 1.00@ 1.50 | | |
| Violets..... | 50@ 1.00 | | |
| Callas..... | 12.50@ 15.00 | | |
| Romans, Paper Whites..... | 2.00@ 3.00 | | |
| Stevia..... | 1.50 | | |
| Harrisii..... | 10.00@ 15.00 | | |

| | | | |
|------------------------------|--------------|--|--|
| PITTSBURG, Jan. 19. | | | |
| Roses, Beauty, specials..... | 47.00@ 50.00 | | |
| " " extras..... | 25.00@ 35.00 | | |
| " " No. 1..... | 15.00@ 20.00 | | |
| " " ordinary..... | 4.00@ 10.00 | | |
| " Bride, Bridesmaid..... | 3.00@ 18.00 | | |
| " Meteor..... | 6.00@ 10.00 | | |
| " Libertias..... | 1.00@ 25.00 | | |
| " Kaiserin..... | 4.00@ 10.00 | | |
| " Perle, Chateaux..... | 4.00@ 12.00 | | |
| Carnations..... | 1.00@ 4.00 | | |
| Lily of the valley..... | 3.00@ 4.00 | | |
| Smilax..... | 12.50@ 15.00 | | |
| Asparagus, strings..... | 25.00@ 50.00 | | |
| Asparagus Sprengerii..... | 1.00@ 3.00 | | |
| Lilies..... | 20.00@ 25.00 | | |
| Adiantum..... | 1.00@ 1.50 | | |
| Violets..... | 30@ 2.00 | | |

| | | | |
|-----------------------------------|---------------|--|--|
| CINCINNATI, Jan. 19. | | | |
| Roses, Beauty, per doz..... | 1.00@ 4.00 | | |
| " " Bride, Bridesmaid..... | 4.00@ 10.00 | | |
| " " Liberty..... | 8.00@ 15.00 | | |
| " " Meteor, Golden Gate..... | 8.00@ 12.00 | | |
| Carnations..... | 2.00@ 6.00 | | |
| Lily of the valley..... | 3.00@ 4.00 | | |
| Asparagus..... | 50.00 | | |
| Smilax..... | 10.00@ 12.50 | | |
| Adiantum..... | 1.00@ 1.50 | | |
| Callas..... | 10.00@ 12.50 | | |
| Asparagus Plumosus and Sprengerii | | | |
| in bunches..... | 25c per bunch | | |
| Harrisii..... | 15.00 | | |
| Romans, narcissus..... | 3.00 | | |
| Violets..... | .75@ 1.00 | | |

| | | | |
|----------------------------------|--------------|--|--|
| ST. LOUIS, Jan. 19. | | | |
| Roses, Beauty, long stem..... | 4.00@ 6.00 | | |
| " " medium stem..... | 2.00@ 3.00 | | |
| " " short stem..... | .50@ 1.50 | | |
| " " Bride, Bridesmaid..... | 4.00@ 8.00 | | |
| " " Golden Gate..... | 4.00@ 8.00 | | |
| " " Liberty..... | 4.00@ 8.00 | | |
| " " Kaiserin..... | 4.00@ 8.00 | | |
| " " Meteor..... | 4.00@ 8.00 | | |
| Carnations..... | 1.50@ 4.00 | | |
| Smilax..... | 15.00 | | |
| Asparagus Sprengerii..... | 1.50@ 3.00 | | |
| " Plumosus..... | 25.00@ 50.00 | | |
| Ferns, fancy..... per 1000, 2.00 | | | |
| Adiantum..... | 1.00@ 1.25 | | |
| Violets, California..... | .75@ 1.00 | | |
| " Double..... | 1.00@ 1.50 | | |
| Lily of the valley..... | 3.00@ 4.00 | | |
| Romans..... | 3.00 | | |
| Callas..... | 12.50@ 15.00 | | |

| | | | |
|-----------------------------|--------------|--|--|
| CLEVELAND, Jan. 19. | | | |
| Roses, Beauty, per doz..... | 1.00@ 6.00 | | |
| " " Bride, Bridesmaid..... | 5.00@ 10.00 | | |
| " " Meteor..... | 5.00@ 10.00 | | |
| Carnations..... | 2.00@ 6.00 | | |
| Smilax..... | 10.00@ 15.00 | | |
| Asparagus, strings..... | 25.00@ 50.00 | | |
| " Sprengerii..... | 1.00@ 2.00 | | |
| Galax..... | 1.00@ 1.50 | | |
| Commoo ferns..... | 1.50 | | |
| Violets, single..... | .50@ 1.00 | | |
| " double..... | 1.50 | | |
| Paper Whites..... | 3.00@ 4.00 | | |
| Valley..... | 3.00@ 4.00 | | |

Johnny on the Spot.

WE handle your business and handle it quick—supply you with anything the market affords—at the right price and at the right time. An extra fine supply of Beauties, Tea Roses and Carnations. Wild Smilax in quantity. Fancy Ferns, absolutely the best in the market. Asparagus, Adiantum, Smilax, and in fact everything in the Cut Flower line.

J. B. DEAMUD,

PHONES { Central 3155.
Automatic 9922.

51 Wabash Avenue, CHICAGO.

Please mention the American Florist when writing.

CUT TULIPS AND NOVELTIES.

PITTSBURG'S LARGEST AND OLDEST WHOLESALERS,

PITTSBURG CUT FLOWER CO., Ltd.

504 LIBERTY AVE.,

PITTSBURG, PA.

Please mention the American Florist when writing.

HOLTON & HUNKEL CO.,

Wholesale Cut Flowers

462 Milwaukee Street,

MILWAUKEE, WIS.

Please mention the American Florist when writing.

Peter Weiland,

WHOLESALE FLORIST,

Room 18, 128 E. Third St., CINCINNATI, O.

Headquarters for

**American Beauties and all leading varieties of
Roses and Carnations.**

All flowers sold at prevailing market prices.

Orders received and filled at Greenhouses if
desired, by addressing

PETER WEILAND, New Castle, Ind.

Please mention the American Florist when writing.

AMERICAN BEAUTIES.

Cut Roses—American Beauties and all
kinds of Tea Roses at lowest prices. Trial
orders solicited.

HELLER BROS., New Castle, Ind.

South Park Floral Company

Michigan Cut Flower Exchange,

WM. DILGER, Mgr.

Fancy and Dagger Ferns.

All Cut Flowers in Season.

38-40 Miami Ave., DETROIT, MICH.

**THE
Gardeners' Chronicle.**

A Weekly Illustrated Journal.

ESTABLISHED 1841.

The GARDENERS' CHRONICLE has been for
OVER SIXTY YEARS THE LEADING JOURNAL of its
class. It has achieved this position because, while
specially devoting itself to supplying the daily
requirements of gardeners of all classes, the infor-
mation furnished is of such general and perma-
nent value that the GARDENERS' CHRONICLE
is looked up to as the STANDARD AUTHORITY on
the subjects of which it treats.

Subscriptions to the United States, \$4.20 per year.
Remittances to be made payable to H. G. COVE.

OFFICE:—

41 Wellington St., Covent Garden, London, England.

THE Regan Printing House

—Large runs of—

CATALOGUES

Our Specialty. Write for Figures.

83-91 Plymouth Place, CHICAGO.

Indispensable.

AMERICAN FLORIST Co.:—Florists
whom we have visited in Des Moines
and other places tell us the AMERICAN
FLORIST is indispensable, and from an
examination of the magazine we believe
it is. so enclose \$1 for a year's acquaint-
ance with the journal.

ENOE & BARNEY.

GREEN GOODS

We are to be relied on to furnish finest strings of Asparagus and Smilax on shortest notice at any time. Just give us your orders and time to cut the stock. It will be there promptly.

All Cut Flowers in Season in large supply and best shipping quality.

FANCY VALLEY ALWAYS ON HAND.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located
Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St.,
Long Distance Telephones 1978 and 1977 Central.
7846 Automatic.

CHICAGO, ILL.

| American Beauty. | | Per doz. |
|-----------------------------------|-------|------------------------------|
| 30 to 36-inch stem | ..... | \$4.00 to \$5.00 |
| 24-inch stem | ..... | 3.00 |
| 20-inch stem | ..... | 2.50 |
| 15-inch stem | ..... | 2.00 |
| 12-inch stem | ..... | 1.50 |
| Short stem | ..... | .75 to 1.00 |
| | | Per 100 |
| Bride, Maid, Meteor and Gate... | | \$4.00 to \$12.00 |
| Chatenay | ..... | 6.00 to 15.00 |
| Carnations | ..... | 2.00 |
| " large and fancy | ..... | 3.00 to 5.00 |
| Violets | ..... | .60 to .75 |
| Valley | ..... | 2.00 to 4.00 |
| Callas, per doz. | ..... | \$1.50 |
| Paper Whites, Romans | ..... | 3.00 |
| Tulips | ..... | 3.00 to 4.00 |
| Jonquilla | ..... | 4.00 |
| Sweet Peas | ..... | 1.50 |
| Asparagus, per string, 35c to 50c | | |
| Asparagus Sprenger | ..... | 3.00 to 6.00 |
| Perus | ..... | .25 |
| Galax | ..... | 1.25 |
| Leucothoe | ..... | .75 |
| Adiantum | ..... | 1.00 |
| Smilax, per doz. | ..... | \$1.50 |
| Wild Smilax, 25 lb. cases | ..... | 3.00 |
| 35 lb. cases | ..... | \$4.00; 50 lb. cases, \$5.00 |

SUBJECT TO CHANGE WITHOUT NOTICE.

Bassett & Washburn

76 & 78 Wabash Ave., CHICAGO.

Wholesale Dealers and
Growers of **Cut Flowers**

GREENHOUSES: HINSDALE, ILL.

D. WOOD BRANT,

SUCCESSOR TO BRANT & NOE FLORAL CO.

—Grower of—

CUT FLOWERS AT WHOLESALE.

Choice American Beauty Roses.

Prices reasonable.

Careful attention given shipping orders.

58-60 Wabash Ave., CHICAGO.

SINNER BROS.

Wholesale Growers
and Shippers of **CUT FLOWERS**

58 WABASH AVENUE, CHICAGO, ILL.

With the Flower Telephone—
Growers' Co. Central 3067.

All telephone and telegraph orders
given prompt attention.

Vaughan & Sperry,

Wholesale Florists,

58 and 60 Wabash Ave., CHICAGO.

WRITE FOR SPECIAL PRICES.

It is good business policy
to mention the

American Florist

.....when writing to an advertiser.

Poehlmann Bros. Co.

Wholesale Growers of

and
Dealers in **Cut Flowers**

All telegraph and telephone orders
given prompt attention.

Greenhouses: Randolph Street,
Morlen Grove, Ill. **CHICAGO.**

GEO. REINBERG,

Wholesale
Grower of **Cut Flowers**

CHOICE AMERICAN BEAUTIES.

We will take care of your orders at reason-
able prices. Prompt attention.

51 Wabash Ave., CHICAGO, ILL.

Wholesale Flower Markets

CHICAGO, Jan. 20.

| | | |
|------------------------------------------|------------|--------------|
| Roses, Beauty, 30 to 36-in. stems | 4 00@ | 5 00 |
| " " 20 to 24 " | 2 00@ | 2 50 |
| " " 15 to 18 " | 1 25@ | 1 50 |
| " " 12 " | | 1 25 |
| " Liberty | 8 00@ | 15 00 |
| " Chatenay | 8 00@ | 12 00 |
| " Bride, Bridesmaid | 6 00@ | 10 00 |
| " Meteor, Golden Gate | 6 00@ | 10 00 |
| Carnations | 2 00@ | 3 00 |
| " fancy | 4 00@ | 5 00 |
| Valley | 2 00@ | 4 00 |
| Violets | 1 00@ | 1 50 |
| Asparagus Plumosus, per string 40 to 50c | | |
| sprays 2 00@ | 6 00 | |
| " Sprenger | 3 00@ | 6 00 |
| Leucothoe sprays | | .75 |
| Galax Leaves, Bronze, per 1000 | 1 25 | .15 |
| Green | 1 00 | |
| Adiantum | | 1 00 |
| Fancy ferns, per 1000 | 1 50@ | 2 00 |
| Smilax | | 12 00@ 15 00 |
| Callas | 1 25@ 1 50 | per doz. |
| Paper Whites | 3 00@ | 3 50 |
| Romans | 3 00@ | 3 50 |

J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and
Carnations
A Specialty.....

WHOLESALE
GROWER of

CUT FLOWERS

A Daily Cut From 40 Growers

We can and will fill your Cut Flower
wants to advantage.

**Plenty of BEAUTIES,
MAIDS, BRIDES, etc.
CARNATIONS, VIOLETS, etc.
ALL GRADES.**

Shipping orders our Specialty. Write, tele-
phone or telegraph.

Long Distance Phone 1129 Main.

**Headquarters for HARDY PERNS
and WILD SMILAX.**

Most Complete Line of

FLORISTS' SUPPLIES

IN THE WEST.

—CATALOGUE FREE.—

E. F. WINTERSON CO.

Established 1894.

45-47-49 Wabash Avenue, CHICAGO.

Flower Growers' Market.

60 Wabash Ave., CHICAGO.

Order your stock where it will be filled with
care and dispatch. The most successful growers
of cut flowers, are those who sell their own stock.
Give us your **standing order.**

PERCY JONES, Manager.

THE AMERICAN FLORIST'S COLOR CHART

is now accepted as the standard in preparing
color descriptions, by many foreign
houses as well as in America

PRICE 15 CENTS POSTPAID.

AMERICAN FLORIST CO., 324 Dearborn St., Chicago.

THE BENTHEY-COATSWORTH CO.

35 RANDOLPH ST.

WHOLESALE FLORISTS

CHICAGO.

The Leo Niessen Company

WHOLESALE FLORISTS

1217 Arch Street,

Store open from 7 A
M. to 8 P. M.

PHILADELPHIA, PA.

The Cleveland Cut Flower Company,

WHOLESALE CUT FLOWERS, FLORISTS' SUPPLIES, WIRE DESIGNS.

52 and 54 High Street,

CLEVELAND, OHIO.

BOSTON, MASS.

WELCH BROS.

15 Province Street.

All Varieties FLOWERS in Season. FANCY and DAGGER FERNS.

FLORISTS' SUPPLIES all kinds.

Long Distance Telephone, 6268-6267 Main.

—CUT STRINGS OF—

ASPARAGUS PLUMOSUS NANUS

First-class stock, running even and full, 50c each.

ASPARAGUS PLUMOSUS NANUS SEEDS.

These are the true variety, 75c per 100.

W. H. ELLIOTT, Brighton, Mass.

—THE—

J. M. McCullough's Sons Co.

WHOLESALE FLORISTS

ALSO SUCCESSORS TO

THE CINCINNATI CUT FLOWER CO.

CONSIGNMENTS SOLICITED.

Special attention given to Shipping Orders.

318 WALNUT ST.

CINCINNATI, O.

H.G. BERNING

Wholesale Florist

1402 Pine St., ST. LOUIS, MO.

C. A. KUEHN, Wholesale Florist,

1122 Pine St., ST. LOUIS, MO.

A Complete Line of Wire Designs.

R. C. HAYDEN, Sec'y and Treas.

Wholesale Flower Markets

BOSTON, Jan. 19.

| | |
|-----------------------|-------------|
| Roses, Beauty, best | 60.00@80.00 |
| " " medium | 30.00@45.00 |
| " " culls | 6.00@8.00 |
| " " Bride, Bridesmaid | 4.00@6.00 |
| " " Extra | 8.00@12.00 |
| " " Liberty | 1.00@8.00 |
| Carnations | 2.00@3.00 |
| " " Fancy | 3.00@5.00 |
| Lily of the valley | 3.00@4.00 |
| Smilax | 8.00@12.00 |
| Adiantum | 1.00 |
| Asparagus | 35.00@50.00 |
| Violets | 1.00@1.50 |

PHILADELPHIA, Jan. 19.

| | |
|----------------------------|-------------|
| Roses, Tea | 8.00@10.00 |
| " " extra | 12.00@15.00 |
| " " Liberty | 8.00@35.00 |
| " " Queen of Edgely, extra | 60.00@75.00 |
| " " firsts | 20.00@40.00 |
| " " Beauty, extra | 60.00@75.00 |
| " " firsts | 20.00@40.00 |
| Carnations | 2.00@8.00 |
| Lily of the valley | 3.00@6.00 |
| Asparagus | 25.00@50.00 |
| Smilax | 12.00@15.00 |
| Violets, single | .75@1.00 |
| " " double | 1.00@1.50 |
| Adiantum | 1.00@1.50 |
| Gardenias | .75 |
| Mignonette | 3.00@8.00 |

BUFFALO, Jan. 19.

| | |
|-------------------------------|-------------|
| Roses, Beauty | 10.00@60.00 |
| " " Bride, Bridesmaid, Meteor | 2.00@12.00 |
| Carnations | 1.00@4.00 |
| Harrisii | 15.00 |
| Lily of the valley | 3.00@5.00 |
| Asparagus, strings | 40.00@50.00 |
| Smilax | 15.00 |
| Adiantum | .75@1.50 |
| Lilium Longiflorum | 15.00 |
| Violets | .50@1.25 |

N. Y. CUT FLOWER EXCHANGE

Coogan Bldg., 6th Ave. & W. 26th St., New York.

Open for Cut Flower Sales at 6
o'clock Every Morning.

DESIRABLE WALL SPACE TO RENT FOR
ADVERTISING.

JOHN DONALDSON, Secretary.

Pittsburg Florists' Exchange,

WHOLESALE FLORISTS

and Florists' Supplies.

228 Diamond St., PITTSBURG, PA.

Send for weekly price list and prices on large
orders..

J. B. MURDOCH & CO.

WHOLESALE FLORISTS,

FLORISTS' SUPPLIES.

545 Liberty Ave., PITTSBURG, PA.

RICE BROTHERS,

128 N. 6th St., MINNEAPOLIS, MINN.

Wholesale Cut Flowers and Supplies.

Wild Smilax | Flowers Billed at
Market Prices.

Shippers of choice Cut Flowers and Greens of all
kinds. Try us.

WM. J. MUTH, Manager.

PHILADELPHIA CUT FLOWER CO.

Wholesale Commission Florists

CHOICE BEAUTIES, MAIDS AND BRIDE ROSES,
FANCY CARNATIONS

AND ALL OTHER SEASONABLE FLOWERS.

1516-1518 Sansom Street,

Bell and Keystone Phones.
Open 7:30 a. m. to 8 p. m.

PHILADELPHIA, PA.

CLARKSVILLE, TENN.—One of James
Morton's greenhouses caught fire from
an overheated pipe and but for its prompt
discovery would have caused serious loss.

BERGER BROS. WHOLESALE FLORISTS.

Bell and Keystone 'Phones.

1220 Filbert Street, PHILADELPHIA.

THE RELIABLE Commission House,

Jos. S. Fenrich

48 W. 30th St., NEW YORK.

Telephone 325 Madison Sq.

YOUNG & NUGENT42 West 28th Street, Wholesale Florists.
Telephone 2065 Madison Sq.

CATTLEYS, GARDENIAS, ROSES, CARNATIONS and all seasonable novelties. With our long experience in shipping, and competent assistants in our packing department, we are in a position to guarantee out-of-town customers who place their orders with us that they will not be disappointed.

Open
every day
at
6 a. M.**J. K. ALLEN,**Tel. 167
Madison
Square.Wholesale Commission Florist,
106 West 28th Street, NEW YORK.
American Beauties, Orchids, Roses,
Carnations, Violets, and Every Variety of
CUT FLOWERS.

Telephone No. 756 Madison Square.

**MOORE, HENTZ & NASH**Wholesale Commission Florists,
55 and 57 West 26th St., NEW YORK CITY.Advice of sale note daily. Statement and check
weekly. All consignments large or small receive the
same attention. CORRESPONDENCE INVITED.**WHOLESALE WILLIAM GHORMLEY, COMMISSION**

Daily Receiver and Shipper of Fresh Cut Flowers.

Orchids, Roses, Carnations, Valley, Lilies, etc.

Telephones 2200 and 2201 Madison Square.

57 West 28th Street, NEW YORK CITY.

JOHN YOUNG,Special American Beauties,
Surpassing Carnations,
Lily of the Valley, Orchids
and all Seasonable Flowers.51 West 28th St., NEW YORK.
Telephone 1906 Madison Square.

Original Pioneer House—Established 1871.

JAMES HART

117 W. 30th St., NEW YORK.

Wholesale and Commission

Consignments solicited. Shipping orders
promptly attended to. Phone 625 Madison.**THOMAS YOUNG, Jr.**

WHOLESALE FLORIST.

CHOICEST CUT FLOWERS.

43 W. 28th St., NEW YORK CITY.

—FLOWERS SHIPPED BY—

John I. Raynor,Are the best product of the best growers
for the New York Market.

ADIANTUM CROWEANUM sold here exclusively.

49 W. 28th St., NEW YORK.
Tel. 1998 Madison Square.**Walter F. Sheridan,**

WHOLESALE FLORIST,

Telephone 902 Madison Square.

39 West 28th St., NEW YORK.

Choice Carnations.

Selected Roses.

Traendly & Schenck

NEW YORK CITY,

44 W. 28th Street, Cut Flower Exchange.
New Telephone No. 798 & 799 Madison Sq.**Wholesale Flower Markets**

| NEW YORK, Jan. 19. | |
|---------------------------------------------------------|-------------|
| Roses, Beauty, best..... | 15 00@50.00 |
| " " medium..... | 3 00@10.00 |
| " " culls..... | 1 00@2.00 |
| " " Liberty, best..... | 10.00@25.00 |
| " " medium..... | 3 00@10.00 |
| " " culls..... | 2 00@3.00 |
| " " Bride, Bridesmaid, G. Gate..... | 2 00@15.00 |
| " " Kaiserin, Carnot..... | 1 50@10.00 |
| Carnations..... | 2 00@3.00 |
| " " fancy and novelties..... | 3 00@8.00 |
| Lily of the valley..... | 1 00@4.00 |
| Lilies..... | 6 00@10.00 |
| Smilax..... | 5 00@10.00 |
| Adiantum..... | 10@.50 |
| Asparagus..... | 20 00@50.00 |
| Gardenias..... | 2 00@10.00 |
| Violets..... | .30@.75 |
| Shipments generally light. No improvement in demand. | |

Charles Millang

WHOLESALE FLORIST.

Conservatory connected from which I can ship
ferns and decorative plants promptly.50 W. 29th St. NEW YORK.
Tel. 3860 and 3861 Madison Square.Receivers and Shippers of Cut Flowers,
Consignments Solicited.
A. L. YOUNG & CO., Wholesale
Florists,
54 West 28th Street,
Telephone 3559 Madison Sq. NEW YORK.**FORD BROS.**

Receivers and Shippers of

Fresh Flowers111 West 30th St., NEW YORK.
Telephones 3870-3871 Madison Sq.

REPRESENTING EMINENT GROWERS.

Julius Lang

53 West 30th Street, NEW YORK.

COMMISSION DEALER in FLOWERS

TELEPHONE 280 MADISON SQUARE.

The Only House Handling the **Victory**

NEW RED CARNATION

To be Disseminated 1906. Also a Complete
Line of **Choicest Flowers....****ALEX. J. GUTTMAN, WHOLESALE**
FLORIST,52 West 29th Street, NEW YORK.
Telephones: 1664-1665 Madison Square.**THE**
NEW YORK CUT FLOWER CO.55 and 57 West 26th St.,
WHOLESALE FLORISTS.Daily Reports. Weekly Payments.
TELEPHONE J. A. MILLANG,
756 Madison Sq. MANAGER.**CARNATIONS My**
Specialty.

CONSIGNMENTS SOLICITED.

Prompt Payments. Established 1891.

Alfred H. Langjahr, New York.
55 W. 28th St.

Telephone 3924 Madison Sq.

EDW. C. HORAN,

55 WEST 28TH STREET,

Telephone 421
Madison Square.

.....NEW YORK.

CUT FLOWERS AT WHOLESALE.

CUT FLOWERS OR DESIGNS will be Delivered for the Trade on Wire or Mail Orders in Best Qualities and Prices:

NEW YORK.

Steamer Gifts

Orders for flowers in any form carefully filled and delivered by special messenger on board any steamer on day of departure from New York.

THOS. YOUNG, JR.
43 W. 28th St., NEW YORK CITY.

Please mention the American Florist when writing.

SAN FRANCISCO.

TELEPHONE MAIN 1023.

SIEVERS & BOLAND,
Floral Artists,

33 Post Street, SAN FRANCISCO, CAL.

INDIANAPOLIS.

Bertermann Bros. Co.,
FLORISTS,

241 Massachusetts Ave., INDIANAPOLIS, IND.
Please mention the American Florist when writing.

ST. LOUIS.

Fred. C. Weber,
FLORIST,

4320-4328 Olive St., ST. LOUIS, MO.
Established 1873, L Dist. 'Phone Lindell 196 M.

DENVER.

The Park
Floral Co.

J. A. VALENTINE, Pres., DENVER, COLO.

MILWAUKEE.

C. C. Pollworth Co.
MILWAUKEE, WIS.

Will take proper care of your orders in
WISCONSIN.

CHICAGO.

Established 1857.

The Geo. Wittbold Co.

1657 Buckingham Place, CHICAGO.

Growers and Importers. The oldest and leading house in Central and Western United States. Decorative plants a specialty. Mail and Wire Orders Get Prompt attention.

Palmer's

BUFFALO,
N. Y.

DETROIT.

JOHN BREITMEYER'S
SONS

Cor. MIAMI and GRATIOT AVES.

DETROIT, MICH.

Artistic Designs.***

High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Please mention the American Florist when writing.

CHICAGO.

P. J. HAUSWIRTH
Auditorium Annex,
CHICAGO.

Mail, telegraph or telephone orders filled promptly in best style.

OMAHA.

HESS & SWOBODA,
FLORISTS,

1415 Farnam Street, OMAHA, NEB.
'Phone 1801 and L. 1682.

SPRINGFIELD.

Mark Aitken
FLORIST.

388 Main St., Springfield, Mass.

WASHINGTON.

Joseph R. Freeman,
FLORIST,

612 13th St. N.W., WASHINGTON, D. C.

ST. PAUL.

HOLM & OLSON,
ST. PAUL.

THE LEADING FLORISTS OF THE N. W.
Orders will be well cared for anywhere in Minnesota and the Dakotas.

CHICAGO.

TELEPHONES: Central 2851
Automatic 1038

JOHN MANGEL,
FLORIST,

Corner Wabash Ave. and Monroe St. CHICAGO.
Orders for Wedding Decorations, Receptions, Funeral Designs and Cut Flowers and Plants in every shape executed with care and despatch.
Leading Chicago Retailer.

MILLS THE FLORIST,

36 W. Forsyth Street,
JACKSONVILLE, FLA.

CHAS. CHADWICK,

COR. FULTON & LAGRAVE,

Grand Rapids, Mich.

WHOLESALE and RETAIL FLORIST.

High-Grade Cut Blooms.

Carnations, Roses, 'Mums, Violets, Etc.

Choice American Beauties a Specialty.

Artistic Designs on Short Notice.

Good Shipping Facilities to all Michigan Points.

—A TRIAL ORDER SOLICITED.—

Please mention the American Florist when writing.

JOHN WOLF,

Wholesale and Retail Florist,

SAVANNAH, GA.

Paper White Narcissus and
Roman Hyacinths.

\$2.00 per hundred, in any quantity.

Long Distance Telephone Connections.

LEIKENS

7 E. 33d St. Near New York City.
Telephone No. 1417 Madison.

Telegraph Orders Faithfully Filled.

WE REACH ALL POINTS.

Orders for Baskets, Boxes, Designs, Steamers, Receptions, and from out-of-town Florists will receive personal and careful attention. We guarantee perfect satisfaction.

A. Gude & Bro.

FLORISTS

1214 F St., WASHINGTON, D. C.

KANSAS CITY.

WILLIAM L. ROCK
FLOWER CO.

Kansas City, Mo.

LOS ANGELES.

'Phone Main 1610.

O. C. SAAKES,
FLORAL ARTIST,

136 So. Spring St., LOS ANGELES, CAL.

BARABOO, Wis.—E. G. T. Leuder, who died recently, was a botanist and friend of Asa Gray and John C. Fremont. He was 91 years old.

WHITE LILAC

Extra Fancy Stock,
\$1.50 per dozen.

If you want something choice try WHITE LILAC.

CARNATIONS. Fancy stock in all varieties.

ROSES. Maid, Bride; something choice.

A. L. RANDALL CO.

19 Randolph Street,

CHICAGO, ILL.

Wietor Brothers,

51 Wabash Avenue,
CHICAGO.

WHOLESALE CUT FLOWERS.

—MCKINLEY WEEK PRICES. SUBJECT TO CHANGE.—

AMERICAN BEAUTY.

Per doz.

| | |
|--------------|------------------|
| 36-inch stem | \$4.00 to \$5.00 |
| 30-inch stem | 3.00 |
| 24-inch stem | 2.50 |
| 20-inch stem | 2.00 |
| 16-inch stem | 1.50 |
| 12-inch stem | 1.25 |

ROSES.

Per 100

| | |
|-----------------------|--------------------|
| Bride and Maid | \$ 6.00 to \$10.00 |
| Meteor and Gate | 6.00 to 10.00 |
| Liberty | 6.00 to 12.00 |
| CARNATIONS—Good stock | 3.00 |
| " Large and fancy | 4.00 to 6.00 |

KENNICOTT BROS. COMPANY

40-42-44 Randolph St., CHICAGO.

Our reputation has always been that we fill orders when others fail. All stock in season at Lowest Market Rates.

The Gardeners' Directory...

NEW BOOK, FIRST EDITION.



PRACTICAL
CONVENIENT
COMPLETE
INVALUABLE
THOUSANDS
OF
NAMES
AND
ADDRESSES.



THIS book contains complete lists of **Gardeners** and **Estates Employing Gardeners** in the United States and Canada, arranged for ready reference by states and post-offices. The gardeners are also arranged alphabetically. The book contains a reliable list conveniently indexed, of the leading **Horticultural** and **Kindred Societies**, with the names and addresses of the Secretaries. **Price \$5.00 postpaid.**

AMERICAN FLORIST COMPANY,

324 Dearborn St., CHICAGO.

HIGH-GRADE SOUTHERN WILD SMILAX.And Florists' Hardy Decorative Supplies.
Prices Right.SPECIAL FACILITIES FOR HANDLING LARGE ORDERS.
WRITE, WIRE OR PHONE.**E. A. BEAVEN, - - Evergreen, Ala.****Davenport, Ia.**

Business since New Year's has been rather quiet, the weather not being conducive to good trade.

The Tri-city Florists' Club held its regular monthly meeting at the home of Secretary Henry Meyers, Rock Island, Ill. The meeting was slimly attended, owing to the fact that it was below zero and that some members are on the sick list. After inspecting the up-to-date greenhouses of Mr. Meyers, the club held a short business session. Luncheon was then served by the hostess. The club accepted the invitation of William Knees, of Moline, to hold its next meeting at his place, at which time the nomination of officers for this year will take place.

Henry Pauli had a thrilling experience with a burglar recently. Pauli was awakened in the night and going down stairs he discovered a man in a closet. Pauli proceeded to lay him out, but the man being twice his size, got the better of him after knocking Mr. Pauli down with a chair. The burglar was caught the next morning. Mr. Pauli recognized the man as a former employee.

H. B. Campbell has leased his greenhouses to Lawrence Fortman and William F. Behring, of Rock Island, and will retire from the business. Messrs. Fortman and Behring are well known florists of Rock Island, Mr. Behring having been connected with Henry Meyers for several years.

Henry Kahle, of Bettendorf, Ia., a suburb of Davenport, is building several houses for forcing vegetables.

William Knees of Moline has been suffering with a severe case of blood poison in his right foot.

Henry Gaethje, of Rock Island, returned several days ago from a trip through western Iowa.

Mr. Garrett, one of the oldest florists and gardeners in Davenport, is building a fine residence.

John Staak, of Moline, who has been very sick for over a month, is around again.

Harry Bills who has been down with the grip is better.

TED.

Lowell, Mass.

Business is keeping up in good shape. During the past week the demand for flowers and designs for funerals has been good. The surplus has thus been kept down. The cut flower trade has been brisk owing to a number of receptions, etc. Some fine primulas are to be seen in the market, which sell very readily at 50 cents each. Prices for carnations and roses have fallen off, carnations which brought \$3 to \$4 per 100 a week ago now selling for \$2 per 100. Violets are fast becoming a drug, selling at any old price. The weather has been extremely cold, causing much sorrow to the plant men. Some of them have had their stock badly frozen.

Chas. Whittet, superintendent of parks and commons, has been busy with a large number of men pulling down the nests of the brown-tail moths, which besieged this town several months ago.

John Gale is bringing into town some excellent Princess of Wales violets.

A. M.

HARDY CUT DAGGER AND FANCY FERNS.

We carry the finest and most complete line of Decorative Evergreens and Florists' Supplies. Our specialties are **DAGGER**, \$1.50 and **FANCY FERNS**, \$1.50 per 1000. Discount on larger orders. **BRILLIANT BRONZE** and **GREEN GALAX**, \$1.00 per 1000. **Laurel Festooning**, good and full, handmade 50 and 60 per yd. **Green and Sphagnum Moss**, \$1.00 per bbl. **Sphagnum Moss**, 50c per bag; 5 bags, \$2.00. **Ivy Leaves**, \$4.00 per 1000. **Sprengeri**, 25c and 50c per bunch. **Asparagus Plumosus**, 50c per bunch or string. **Leucothoe Sprays**, \$1.00 per 100; \$7.50 per 1000.



We also carry a full line of Florists' Supplies such as Tin Foil, Cut Wire, Corrugated Boxes, all sizes, Folding Boxes, Ribbons, all sizes and colors, Koral Letters, Block Letters, Wire Designs, Cycas Leaves, Etc., Etc. Our stock is of the best quality and at the most reasonable rates. Please write for our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.

HENRY M. ROBINSON & CO., L. D. Phone 2618 Main. 8 and 11 Province St., Boston, Mass.**N. Lecakes & Co.**

53 W. 28th St., New York.

Tel. No. 1214
Madison Square

Specialties: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine and all kinds of Evergreens.

Green and Bronze Galax Leaves, 75c per 1000.

FOR SOUTHERN WILD SMILAX

(Where quality is First Consideration)

Write, Wire or Phone the Introducing,

Caldwell The Woodsman Co., Evergreen, Ala.**New Crop Southern Wild Smilax now ready in limited quantities.****GEORGE GOTSONAS & CO.,**

Wholesale and Retail Dealers in all kinds of

EVERGREENS.

Fancy and Dagger

Ferns, Bronze and

Green Galax.

Phone 1202 Mad. Sq.

MAIN STORE, 45 W. 29th St.,

BRANCH, 65 W. 28th St.,

NEW YORK.**THE KERVAN COMPANY,**

WHOLESALE DEALERS,

All Decorating Evergreens, Galax, Leucothoe, Mosses, Etc.

20 W. 27th Street, NEW YORK.

TELEPHONE 1519 MADISON Sq.

—GREEN AND BRONZE—

Galax Leaves.Fresh gathered, \$3.00 per case of 5,000.
Cash with order.**HALL & JONES COMPANY,****BLOWING ROCK, NORTH CAROLINA.****SHIPPING LABELS FOR****...Cut Flowers**

Printed in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Very attractive. Price per 500, \$2.85; per 1000, \$4.50. Send for samples.

ELECTRO OF THE LEAF, POSTPAID, \$1.25.**American Florist Co., CHICAGO.****HARDY CUT FERNS.**

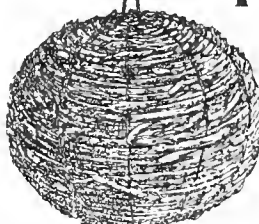
Fancy or Dagger Ferns, \$1.25 per 1000. **Galax**, Brilliant Bronze or Green, 75c per 1000; \$5.50 per case of 10,000. **Laurel Festooning**, hand-made, full sizes, 4c, 5c and 6c per yd. Made fresh daily from the woods. Send us your **CHRISTMAS** orders now and we will please you. **Branch Laurel**, 35c per large bundle. **Southern Wild Smilax**, per 50-lb. case, \$5.50. **Laurel Wreaths** and **Princess Pine Wreaths**, made all sizes and prices. **Princess Pine** by the lb. and made into roping. Tell us your wants and we will name you prices.



Tel. Office, New Salem, Mass. **Millington, Mass.**
Please mention the American Florist when writing.

HEADQUARTERS FOR**"SUPERIOR QUALITY"**

BRAND

Wild SmilaxALWAYS ON HAND, AND
IN ANY QUANTITY.**NONE BETTER.****E. F. WINTERSON CO.,**45-47-49 Wabash Avenue,
CHICAGO.**Japanese Fern Balls**5 in. and 7-9 in.
sizes.

Write for prices.

VAUGHAN'S SEED STORE,84-86 Randolph St.,
CHICAGO.14 Barclay St.,
NEW YORK.**GALAX LEAVES AND Leucothoe Sprays.****J. G. LOVEN, Montezuma, N. C.**

DREER'S SUMMER FLOWERING BULBS.

The Begonias and Gloxinias offered by us are the best which skill and careful selection can produce, they are grown for us by one of the most expert European specialists.

Tuberous Rooted Begonias.

Single Flowered, Scarlet, Crimson, White, Yellow, Rose and Orange, 40c per dozen; \$3.00 per 100; \$25.00 per 1000.

Choice Single Flowered in Mixture, 35 cents per dozen. \$2.50 per 100; \$22.00 per 1000.

Double Flowering, Scarlet, Rose, White and Yellow, 65 cents per dozen; \$5.00 per 100; \$40.00 per 1000.

Choicest Double Flowering in Mixture, 50 cents per dozen; \$4.00 per 100; \$35.00 per 1000.

New Hybrid Frilled Tuberous Begonias.

A most unique form with flowers of immense size, with wavy or frilled petals similar to the best forms of single petunias, 25c each. \$2.50 per doz.; \$20.00 per 100.

Gloxinia Crassifolia Grandiflora.

A very fine selected strain, strong, well-matured bulbs, Red, White, Blue, Red with white border, Blue with white border, in separate colors or in choicest mixture, 50c per dozen; \$4.00 per 100; \$35.00 per 1000.

Fancy Leaved Caladiums.

A choice selection of 25 distinct named varieties, fine large bulbs, \$1.25 per dozen; \$10.00 per 100. Choice mixed varieties, \$1.00 per dozen; \$8.00 per 100.

Our Quarterly Wholesale List has just been issued and offers a full line of seasonable Plants, Seeds and Bulbs.



HENRY A. DREER, Philadelphia, Pa.

Please mention the American Florist when writing.

BOOKS FOR FLORISTS.

The time is coming along when these are needed and opportunity at hand for reading them. Every one of the following should be in your library.

Send prices quoted and we send the books.

GREENHOUSE CONSTRUCTION (Taft).—It tells the whole story about how to build, and heat a greenhouse, be it large or small, and that too in a plain, easily understood, practical way. It has 118 illustrations. \$1.50.

HEATING AND VENTILATING BUILDINGS (Carpenter).—This book covers the entire subject most fully. In the preparation of heating and ventilating plans, it will be found a most valuable guide. \$4.00.

STEAM HEATING FOR BUILDINGS (Baldwin).—Contains valuable data and hints for steam fitters and those who employ this method of heating. The 350 pages are fully illustrated. \$2.50.

THE HORTICULTURIST'S RULE-BOOK (L. H. Bailey).—Contains information valuable to all those engaged in any branch of horticulture. Illustrated. 312 pages. 75 cents.

PRACTICAL FLORICULTURE (Peter Henderson).—A guide to the successful propagation and cultivation of florists' plants. Illustrated. 325 pages. \$1.50.

THE ROSE—Its cultivation, varieties, etc. (H. B. Ellwanger).—A complete guide of the cultivation of the rose, together with the classification of all the leading varieties. \$1.25.

GINSENG (Kains).—At the present time when so much interest is taken in ginseng it will be interesting to peruse this volume, which tells all about the plant in a way that all may understand. The 144 pages are freely illustrated. 50 cents.

THE PRINCIPLES OF FRUIT GROWING (Bailey).—The entire subject of fruit culture is treated very thoroughly in this illustrated volume of 516 pages. It is a book that no up-to-date fruit grower can afford to be without. \$1.25.



FANCY CUT FLOWERS A SPECIALTY.

If you want Choice Cut Flowers at any time or all the time, send to

CHARLES W. McKELLAR,
51 Wabash Avenue, CHICAGO.

Western Headquarters for Choice

ORCHIDS, FANCY VALLEY, TULIPS and all **BULBOUS STOCK, VIOLETS, BEAUTIES, TEA ROSES, and CARNATIONS.** Wild Smilax, Asparagus, Adiantum, Smilax, Fancy Ferns always in abundance. Also a complete line of all Florists' Supplies, Novelties and Wire Work.

LONG DISTANCE 'PHONE, CENTRAL 3598, AUTO. 3623.

CHRYSANTHEMUM MANUAL (Smith).—By an expert who has given his undivided attention for twenty years to the improvement of the chrysanthemum and its culture in detail. Profusely illustrated. 25 cents.

CABBAGES, CAULIFLOWER AND ALLIED VEGETABLES (Allen).—The requirements of the important vegetables of the cabbage tribe are given here very fully. The book also contains interesting chapters on seed raising, insect pests and fungus diseases common to these plants. 50 cents.

LANDSCAPE GARDENING (Waugh).—This is a very useful little book on the art of landscape gardening. It will be found exceptionally valuable to amateurs as it covers in detail the numerous problems that come to the owners of small gardens. It is freely illustrated and the pictures have been chosen with a view to informing the reader rather than decorating the book. 50 cents.

ASPARAGUS (Hexamer).—A practical treatise on the planting, cultivation, harvesting and preserving of asparagus with notes on its history and botany. This book is mainly devoted to the culinary kinds of asparagus, but there is also some reference to the ornamental species. 50 cents.

HEDGES, WINDBREAKS, ETC. (Powell).—A treatise on the planting, growth and management of hedge plants for country and suburban homes. A volume of 140 pages with twenty-two illustrations. 50 cents.

Beauties,

ROSES, CARNATIONS, LILIES

—AND—

Cut Flowers of All Kinds.

Michigan Violets a Specialty

Grand Rapids Florists' Ass'n.

60 Wabash Ave., CHICAGO.

LANDSCAPE GARDENING (Maynard).—The development of landscape art within the past few years compels the wideawake florist to keep posted on this branch of the business. The many suggestions of this book will be found helpful every business day. It contains 338 pages, 165 illustrations. \$1.50.

THE GOLDFISH (Mulertt).—A number of florists find goldfish an attractive and paying addition to their business. The best advice is given in every department of the subject, including construction and care of the parlor aquarium, in this volume of 160 pages, handsomely illustrated. \$2.00.

AMERICAN FLORIST CO.,

824 Dearborn Street,

CHICAGO.

The Seed Trade.

AMERICAN SEED TRADE ASSOCIATION.

Class. N. Page, Des Moines, Ia., Pres.; L. L. May, St. Paul, Minn., First Vice-Pres.; C. E. Kendall, Cleveland, O., Sec'y and Treas. Twenty-third annual convention at Alexandria, Va., June 20-22, 1905.

It is said the government seed contracts will be placed next week.

VISITED NEW YORK: T. M. Landrum, of C. C. Morse & Company, Santa Clara, Cal.

COMPETITION is keen on contract beans with prices about the same as a year ago.

The New York market appears to be pretty well cleaned up on clumps of spirea.

ONIONS, the United States customs authorities say, weigh fifty-seven pounds to the bushel.

THE canners convention at Columbus, O., will attract dealers and growers February 6 to 11.

VISITED CHICAGO: Chas. P. Braslan, San Jose, Cal.; E. M. Parmelee, Picton, Ont.; J. S. Michaels, Sioux City, Ia.

THE Maine growers report potatoes as keeping well. About half the crop has been moved out now and prices are low.

AMONG the seed catalogues received the past week we note that of the Zion Horticultural Supply, a department of J. A. Dowie's institution.

ATCHISON, KAN.—Part of the second floor of Mangelsdorf Brothers' seed house collapsed January 7, but fortunately no one was hurt and the loss was slight.

JANUARY 16 was the closing day for special bids on the government seed wants and several seed growers are reported to have been in Washington the past week.

CLARINDA, IA.—The A. A. Berry Seed Company has been incorporated with a paid up capital of \$75,000. The officers are A. A. Berry, president, M. R. Ausback, vice-president, W. C. Affield, secretary, and A. F. Galloway, treasurer.

J. M. THORBURN & COMPANY, New York, have applied to the United States Circuit Court, southern district of New York, for a review of the decision of the Board of General Appraisers, December 10, 1890, which affirmed an assessment of duty on certain bulbs.

NEW HAVEN, CONN.—The Frank S. Platt Company has acquired the big store and warehouse, 350-356 State street, to which it is proposed to transfer their business. These premises will afford a great deal more space than the old location, including all the needed facilities for storage of stock close at hand.

3,700 ACRES OF GARDEN SEEDS
IN CULTIVATION.

Braslan Seed Growers Co.

Wholesale Seed Growers.

SAN JOSE, CALIFORNIA.

Please mention the American Florist when writing.

Corn Growers' Convention.

A convention of corn growers will be held in the Agricultural building of the University of Illinois at Champaign, January 23 to February 3. The following among other papers will be presented: "Alfalfa, Cow Beans and Soy Beans," by L. F. King, Huntsville, Ill.; "How I Prepare Corn For Show," by W. E. Johnson, of Athens, Ill.; "The Maintenance of Soil Fertility," by Dr. C. G. Hopkins, of the University of Illinois; "Varieties of Corn for the North," by Prof. W. M. Hays, of the University of Minnesota; "Practical Landscape Gardening," by Prof. J. C. Blair, of the University of Illinois; "Improvement of Corn by Seed Selection," by C. P. Hartley, of the United States Department of Agriculture; "Clover," by Prof. Joseph Carter of Champaign, Ill.; "Progress in Plant Breeding," by Prof. W. M. Hays, of the University of Minnesota.

Newport, R. I.

January 10.—John Beaton has been here for several days, in the interest of R. & J. Farquhar & Company, of Boston. To say that our friend John was surprised when a few of the craft sprung a dinner on him the other evening at the Perry hotel, is putting it mildly, but we have not forgotten his kindnesses when we were at the Boston chrysanthemum show last fall. Mr. Beaton is reported to have sworn revenge.

John Robert Clarke has been engaged by the George A. Weaver Company to take charge of the seed department, M. B. Faxon having relinquished the position. Mr. Clarke has been with leading seed houses of New York, and more recently with R. & J. Farquhar & Company and Joseph Breck & Sons, of Boston.

The seed stores are on their winter schedule of working hours; the first four days of the week the hours are 6:30 a. m. to 6:30 p. m.; Fridays open to 9 p. m. and Saturday the closing hour is 10 p. m.

Henry C. Anthony, the seed grower of Portsmouth, R. I., has been elected president of the Wyoming-Colorado Oil Company.

W. W. Clarke, of the Joseph Breck & Sons Corporation, of Boston, is with us once more in the interest of his firm.

The Stumpp & Walter Company, of New York, is looking after orders here through Alexander Ricketts.

W. E. Marshall, of New York, was a visitor this week.

January 16.—Joseph Breck & Sons of Boston, Mass., had Frank A. Rich here looking after the wholesale part of their business. Mr. Rich says the outlook is especially bright, with many orders coming; buyers are holding off some on red clover, it is so high, but the low prices for timothy and red top grasses are helping sales.

John P. A. Guerineau, representing the Schlegel & Fottler Company, of Boston, has been here for several days looking after the interests of his firm. Mr. Guerineau reports the season as starting finely and looks for a good business.

Thomas J. Grey was with us last week looking after the interests of Thomas J. Grey & Company, of Boston.

Catalogues Entering Canada.

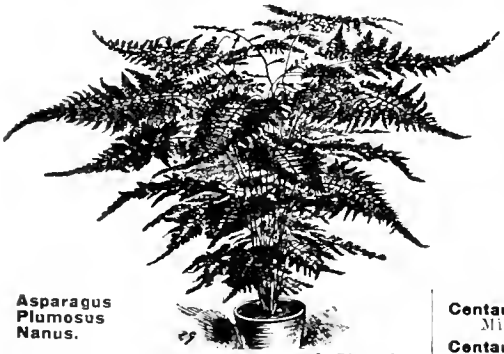
Under date of December 10, 1904, United States Commercial Agent Gustave Beutelspacher, Moncton, New Brunswick, transmits the following newspaper clipping relative to a circular issued by the Canadian department of customs covering the entry of catalogues and pricelists into the dominion:

The department of customs has issued a circular advising collectors that the free entry of catalogues and price lists is to apply when they are imported for wholesale purposes only. These would usually be addressed to dealers or traders. Duty at the rate of 15 cents per pound under tariff item 136 is to be collected on circulars, fly sheets, and other advertising matter (except catalogues and price lists for wholesale only) when imported by mail, addressed to individuals, or otherwise. The distribution of advertising matter being ordinarily in respect of quantities of advertising matter weighing over one pound in the aggregate from the same exporter, that they may notify the sender as to the amount of duty payable thereon and state that the advertising matter will be forwarded as addressed on prompt remittance of duty. When the duty remains unpaid for sixty days, the matter is to be treated as unclaimed and a special notation made thereof without entry on the usual "unclaimed list of uncustomed goods." At the expiration of six months the inspector may direct the matter to be destroyed in default of payment of duty, if the same can not be sold for a sufficient sum to pay duty and charges, as provided in section 37 of the customs act.

ELMIRA, N. Y.—Thomas J. Leyden has disposed of his business at 117 West Water street to Fred S. LaFrance. John K. Phesay, who was with Mr. Leyden, has gone to Jamestown.



NEW STORE OF THE ALFRED J. BROWN SEED CO., GRAND RAPIDS, MICH.



NEW CROP FLOWER SEEDS

FOR PRESENT SOWING.

10 PER CENT SPECIAL CASH DISCOUNT. On orders over \$2.00 for Flower Seeds if the cash is enclosed. This discount does not apply to Asparagus Seed. Cash discount on this is 2 per cent.

We are HEADQUARTERS for Greenhouse Grown Seed of ASPARAGUS PLUMOSUS NANUS.

Asparagus Plumosus Nanus.

| | Trade Pkt. | Oz. |
|--------------------------------------------------------------------------------------------------------|------------|-----|
| Ageratum , Imperial Dwarf, blue..... | .10 | .25 |
| Imperial Dwarf, white..... | .10 | .25 |
| Blue Perfection, dwarf..... | .10 | .30 |
| Princess Pauline, fine for pots..... | .10 | .30 |
| Princess Victoria Louise, new, beautiful blue and white flowers, plants compact and free-blooming..... | .10 | .60 |
| Alyssum , Sweet..... | lb. \$1.25 | .05 |
| Alyssum Little Gem..... | lb. \$3.50 | .10 |
| Ampelopsis Veitchii | lb. \$1.00 | .10 |

ASPARAGUS PLUMOSUS NANUS.

New Crop, Greenhouse Grown Seed, per 100 seeds, 75c; 250 seeds, \$1.50; 1000 seeds, \$5.00.

Plumosus Robustus, new, per 100 seeds, \$1.00; 1000 seeds, \$10.00.

Sprengeri, 100 seeds, 15c; 1,000 seeds, 75c; 5,000 seeds, \$3.25.

Write for prices on larger lots on above three.

Decumbens, 100 seeds, 50c; 1,000 seeds, \$4.00.

Comorensis, per 100 seeds, \$1.25; 1,000 seeds, \$10.00.

ASTERS.

| | Trade Pkt. | 1/4 Oz. | Oz. |
|-----------------------------------------|------------|---------|-----|
| Queen of the Market , White..... | lb. \$5.00 | .10 | .20 |
| Pink..... | lb. 5.00 | .10 | .20 |
| Scarlet..... | lb. 6.00 | .10 | .20 |
| Light blue..... | lb. 5.50 | .10 | .20 |
| Dark blue..... | lb. 5.50 | .10 | .20 |
| Mixed..... | lb. 4.25 | .10 | .15 |

Branching or Simple,

| | Trade Pkt. | 1/4 Oz. | Oz. |
|--------------------|------------|---------|-----|
| White..... | lb. \$5.00 | .10 | .20 |
| Rose pink..... | lb. 5.00 | .10 | .20 |
| Lavender..... | lb. 6.00 | .10 | .20 |
| Red..... | lb. 5.50 | .10 | .20 |
| Purple..... | lb. 5.50 | .10 | .20 |
| Light blue..... | lb. 5.50 | .10 | .20 |
| Daybreak pink..... | lb. 5.50 | .10 | .20 |
| Mixed..... | lb. 4.25 | .10 | .15 |

Vaughan's Upright White Branching.

| | Trade Pkt. | 1/4 Oz. | Oz. |
|----------------------------------------|------------|---------|-----|
| Vaughan's Upright White Branching..... | .10 | .20 | .65 |
| Vaughan's Upright Pink Branching..... | .10 | .20 | .65 |

Balsam, Alba Perfecta. This is the largest and best double white.

| | Trade Pkt. | 1/4 Oz. | Oz. |
|---------------------|--------------|---------|------|
| Balsam..... | .10 | .25 | .70 |
| Begonia Vernon..... | 1/2 oz., 30c | .10 | 2.00 |

Bellis or Double Daisy.

| | Trade Pkt. | Oz. |
|-----------------------------|---------------|-----|
| Bellis or Double Daisy..... | lb. \$6.00 | .10 |
| Mammoth White..... | 1-16 oz., 45c | .25 |
| Mammoth Pink..... | 1-16 oz., 65c | .25 |
| Longfellow, dark pink..... | 1/2 oz., 35c | .20 |
| Snowball, dbl. white..... | 1/2 oz., 35c | .20 |

Candytuft, Giant Hyacinth-Flowered. This improved strain is superior to Empress.....

| | Trade Pkt. | Oz. |
|-----------------------------------------------------------------------------------------------------------------------|------------|------|
| Canna, Crozy sorts, extra choice mixed..... | lb. \$1.20 | .10 |
| Coloela, President Thiers. This is a splendid variety which is so much and effectively used in our parks..... | .15 | 1.25 |
| Coloela Thompsoni Magnifica. Of great value for all decorative purposes in and out of doors. Pkt., 10c; 1/4-oz., 25c. | | |

| | Trade Pkt. | Oz. |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------|
| Centaurea Candidissima (Dusty Miller) 1,000 seeds..... | .25 | 1.70 |
| Centaurea Gymnocarpa..... | lb. \$2.75 | .30 |
| Clematis Pauciflora, white, sweet scented..... | lb. \$4.50 | .15 |
| Cineraria Maritima "Diamond." This is one of the finest foliage bedding plants. The leaves are broad, snow-white and lasting. Superior to the older varieties..... | 1/4 oz., 60c | .15 |
| Cineraria Maritima Candidissima..... | .10 | .20 |
| Cobaea Scandens..... | .10 | .40 |
| Alba | .15 | .60 |
| Colaus , Mammoth Rainbow Mixture, a very fine mixture..... | 1-32 oz., 50c | .20 |
| Colaus , Large Leaved Sorts, extra choice mixed..... | .20 | |

VAUGHAN'S GIANT-FLOWERED CYCLAMEN.

| | Trade Pkt. | Oz. |
|----------------------------------------|---------------------------------------------|-----|
| Pure White (Mont Blanc)..... | 100 seeds, 65c | |
| Dark Crimson..... | 1000 " \$5.00 | |
| Rosa von Marienthal, "Daybreak"..... | 250 seeds of any one kind at the 1000 rate. | |
| White with Carmine Eye..... | | |
| Rubin, darkest red, 100 seeds, \$1.50. | | |

DAHLIA, Burbank's Selection. The seed we offer is of L. Burbank's own saving, and he writes: "This seed will produce a greater proportion of large, clear, bright colored, perfect double flowers than any ever before offered; 90 per cent of good flowers can be expected." Blooms the first year from seed. Pkt. (100 seeds) 50c. Trade Pkt. Oz.

DAISY, Non Plus Ultra, best white..... .15

Dracaena Indivisa..... lb., \$2.50 \$.10 \$.25

New Shasta Daisies..... 1-16 oz., \$1.00 .25

Vaughan's Early and Late Flowering Forget-me-not..... 1/4 oz., 25c. .10 .80

Geranium, Apple-scented, 200 seeds, 25c; 1,000 seeds, \$1.00.

Gloxinia Hybrid, Vaughan's Columbian Mixture, Pkt. (1,000 seeds) 50c; 3 pkts. for \$1.25.

Crevillea Robusta (Silk Oak)..... .10 .45

Heliotrope, Lemoine's Giant..... .25 2.00

IPOMEA Nociflora, Moonflower..... White seeded..... 100 seeds, 50c..... \$.10 \$.50

New Hybrid, blooms early..... .10 .40

Lemon Verbena..... 1/4 oz., 40c .15

Linaria (Kenilworth Ivy)..... 1/4 oz., 40c .15

Lobelia, Crystal Palace Compacta..... 1/2 oz., 25c .15 1.25

Speciosa, dark flowers and foliage for hanging baskets..... 1/4 oz., 15c .10 .50

Emperor William, dwarf..... 1/4 oz., 20c .10 .85

Bedding Queen..... 1/2 oz., 25c .15 1.25

Matricaria Capensis fl. pl. Double White Feverfew..... .10 .25

Maurandya, Mixed..... 1/4 oz., 25c .10 1.00

Giant blue..... .20

Mimulus (Musk Plant)..... 1/4 oz., 30c .10 1.00

Musa Ensete. 100 seeds, \$1.00.

Nicotiana Sanderae, with large bright Tr. pkt. carmine flowers..... .17

Pandanus Ullius, 100 seeds, \$1.00.

PANSIES.

Vaughan's Up-to-Date "International"

Received the only reward for Mixed Pansies at the World's Fair. It is to-day better and more complete than ever. It contains the cream of the stock of 10 Pansy Specialists. There is no better mixture in existence, as all the florists who saw or used it can tell you. Price per oz., \$10.00; 1/2 oz., \$5.00; 1/4 oz., \$1.50; trade pkt., 50c.

Vaughan's "Giant Mixture."

This mixture is specially made by us from all the separate colors of Giant Trimmer, the Giant Bugnot and Cassier and several special strains which cannot be had any other way. If your trade demands large flowers there is no better mixture. Price 1/4 lb., \$14.00; oz., \$4.00; 1/2 oz., 60c; trade pkt., 25c.

Vaughan's Premium Mixed, per pkt., 25c; 1/2 oz., 80c; 1/4 oz., \$3.00; oz., \$5.50.

Chicago Parks Bedding, "Choice Mixed" pkt., 10c, 1/4 oz., 30c; oz., \$1.00; 4 oz., \$3.00.

Petunia, "Vaughan's Best" Mixture of Large Flowering Petunias, trade pkt., (1,000 seeds) 50c; 3 pkts. for \$1.25.

Petunia, Howard's Star. Distinct from Inimitable, or Blotched and Striped. The color is a rich velvety crimson-maroon; a splendid sort for borders, hanging baskets, vases, etc. Pkt. (500 seeds) 25c.

Petunia, Vaughan's Double Petunias, mixed, trade pkt. (500 seeds) \$1.00.

Petunia, Double pure white, 250 seeds, 50c.

Petunia, Extra Large Flowering, double fringed. This extra choice strain produces about 30 per cent of splendid double fringed flowers. Trade pkt. (500 seeds) 60c; 1,000 seeds, \$1.00.

Pyrethrum, Golden Feather..... \$.10 \$.30

Salvia Splendens, Clara Bedman (Bonfire)..... .25 2.25

"Drooping Spikes"..... 1/4 oz., 50c .25 2.00

Silverspot..... .25 3.50

A. Ragenau..... .25

Smilax, new crop, 1/4 lb., 70c; lb., \$2.50. .10 .25

STOCKS, Large-Flowering German 10 Weeks.

Pure White, Brilliant Rose, Bright Crimson, Blood Red, Purple, Light Blue, Canary Yellow, Price each above per 1/2 oz., 40c; oz., \$2.25; pkt., 25c.

Trade pkt. Oz.

Large Flowering, extra choice mixed..... 1/2 oz., 35c \$.25 \$2.00

Thunbergia, Mixed..... 1/4 oz., \$1.00 .10 .40

"Vaughan's Best" Mixture of Verbenas..... 1/4 oz., 50c .25 2.00

Verbena Candidissima, white, 1/4 oz., 20c .10 .80

Defiance, brightest scarlet 1/4 oz., 25c .10 .75

Mammoth, mixed..... 1/4 oz., 25c .15 .75

Mammoth, white..... 1/4 oz., 25c .15 1.00

Mayflower, striped on red ground..... 1/4 oz., 25c .15 1.00

Mammoth purple..... 1/4 oz., 25c .15 1.00

Vaughan's Seed Store,

NEW YORK, 14 Barclay Street.

84-86 Randolph Street, CHICAGO.

Greenhouses, Nursery and Trial Grounds, Western Springs, Ill.

Valuable to Employers and Employees.

AMERICAN FLORIST CO.—I must say that the AMERICAN FLORIST occupies a high position in keeping us constantly posted on the doings of the trade. I would not be without it as I consider its notes and illustrations of great value to myself and employees.

Helena, Mont. CHARLES O. HORN.

BEST ENGRAVINGS and ILLUSTRATIONS

—Of Every Description—

FOR CATALOGUES.

SEE OUR WORK IN THIS PAPER.

SEND FOR ESTIMATES.

GLOBE ENGRAVING and ELECTROTYPE CO.

407-427 Dearborn St., CHICAGO.

The Nursery Trade

AMERICAN ASSOCIATION OF NURSERYMEN.

E. W. Kirkpatrick, McKinney, Tex., Pres.;
C. L. Watrous, Des Moines, Ia., Vice-Pres.;
George C. Seager, Rochester, N. Y., Sec'y.
Thirtieth annual convention, West Baden
Springs, Ind., June, 1905.

KANSAS CITY, Mo.—F. F. Thompson has been appointed city forester and has taken up his new duties.

WINTER HAVEN, Fla.—The Klemm Nursery and Gillett Nursery are making heavy shipments of trees to Cuba.

GREAT FALLS, MONT.—William Husemeyer has been appointed city park custodian, to succeed Robert M. Scott.

VISITED CHICAGO: C. H. Perkins, of the C. H. Perkins Company, and C. W. Stuart, of C. W. Stuart & Company, Newark, N. Y., enroute to California on a six weeks' trip.

THE Western New York Horticultural Society will celebrate its fiftieth anniversary meeting January 25 and 26. An elaborate programme has been prepared for the occasion.

DAYTON, O.—The Montgomery County Horticultural Society met January 4. Apple trees and orchards were discussed. President Albaugh delivered his annual address. The next meeting will be held at the home of J. F. Young, retail florist.

SAN ANGELO, TEX.—The San Angelo, Tex., Standard of December 31 has an extensive account of the establishment of J. J. Nussbaumer, which is considered one of the best in that section. Mr. Nussbaumer makes a specialty of field grown roses.

HYATTSVILLE, Md.—At the seventh annual convention of the Maryland State Horticultural Society the following officers were elected for the ensuing year: President, W. F. Allen, of Salisbury; vice-president, L. A. Cohill, Washington county; secretary, Prof. J. B. S. Norton.

NEWPORT, R. I.—The Rhode Island Agricultural College has secured a quantity of limoid, the new remedy for San Jose scale, and will try the remedy in various parts of the state. Professor A. E. Stene will distribute the experiments to cover all sections, and give notice of the preparing and applying the mixture so that all interested may be present and see how the work is done.

Nursery Notes.

It is claimed by one who has had lots of experience growing and handling magnolias that the reason we do not get more to live is that the roots, being of a brittle nature, are bruised and injured badly in too much pulling while being dug.

Large flowered clematis, American grown, is cutting quite a figure in the market.

The choice varieties of wistarias should be grown and advertised more extensively.

Nursery Stock Suit.

NEWARK, N. J., January 12.—The jury in the suit of ex-Park Commissioner Frederick W. Kelsey against George J. Gould, of New York, gave a verdict for

\$787 and costs in favor of the plaintiff to-day. Mr. Kelsey sued for \$934.25 for plants alleged to have been ordered for Georgian Court, Mr. Gould's summer home at Lakewood, N. J.

It was claimed that Mr. Gould ordered \$300 worth of umbrella trees and five carloads of rhododendrons, but only paid \$104.25 for the umbrella trees. The rhododendrons remained in a car on a siding at Georgian Court and were finally sold for a small sum.

William A. Hamilton, who has charge of Mr. Gould's country seat, testified that the plants in dispute had not been ordered by Mr. Gould, but the plaintiff produced letters and telegrams to show that the contrary was true, and the jury decided in his favor. The case was tried before Chief Justice Gummars.



Frank Hamilton.

Cottage Gardens Annexes Frank Hamilton.

Frank Hamilton, who has been superintendent of Borough of Bronx parks, New York, entered the Cottage Gardens Company as a member of the firm January 1. He will take entire charge of the landscape and selling department of the nursery. Mr. Hamilton was in the employ of the F. R. Pierson Company, Tarrytown, N. Y., for about ten years. He went to that place as a boy to learn the business, and after having been there for a while went into business for himself, having a large establishment in Staten Island, growing plants and flowers for the New York market. After that he was with the Pierson firm for several years as traveling salesman, representing that house among the trade in the eastern states. He has also had experience in its rose houses and was for some time foreman of the Scarboro nursery. Mr. Hamilton has had much valuable experience in landscape work in the New York parks.

RHODODENDRONS.

10,000, all sizes; large sizes to 5x5 feet. Write for kinds and prices.

C. J. NOYES, PENDLETON NURSERIES.
Manchester, England.

California Privet.

1, 2 and 3 Years.

Also CUTTINGS. Any reasonable offer will be accepted on lots of 5,000 to carloads.

River View Nurseries,

J. H. O'HAGAN,

LITTLE SILVER, NEW JERSEY.

The Storrs & Harrison Co.

PAINESVILLE NURSERIES.

CATALOGUES AND PRICE LISTS
FREE ON APPLICATION.

PAINESVILLE, OHIO.

W. van Kleef & Sons,

Wholesale Growers of all
kinds NURSERY STOCK.

BOSKOOP, HOLLAND.

Catalogue free on demand. No Agents. Please inspect our nurseries when in Europe. No agents.
Please mention the American Florist when writing.

Jacs Smits, Ltd. NAARDEN.

(BRANCH AT BOSKOOP.)

Wholesale Growers of Hardy Fancy, Ornamental nursery stock, pot-grown forcing plants. Lilacs a specialty. Berlin and Hamburg Valley—the best quality. Catalogue free on demand.

When in Europe please inspect our nurseries.
NAARDEN-BUSSUM, near Amsterdam, is our N. R. Depot.

Beautiful Grounds.

An illustrated Manual containing suggestions on Lawn Making, Planting and care of Shrubs and Trees, with names and descriptions of varieties hardy and of merit. Also information regarding Landscape Plans, Topographical Surveys, etc. A book you will often refer to. Send for it to-day. Free on application.

Peterson Nursery, 503 W. Peterson Ave., Chicago.
Please mention the American Florist when writing.

Hardy Native Pennsylvania RHODODENDRONS

Large clumps, 2 to 6 feet high, finest stock of hardy forest collected Rhododendrons in the United States, especially suited for planting on fancy lawns and large estates. Large orders especially solicited. Can furnish 100 car loads. Prices right. Also 200,000 extra fine Apple Trees very cheap. Fine stock of Plum, Pear, Peach, Cherry and Quince Trees, at reasonable prices. Full line of small fruits. We solicit your inquiry and order. Address

The Riverside Nurseries, Confluence, Pa.

Please mention the American Florist when writing.

TREES

Fruit Trees, Small Fruits, Ornamental Trees, Evergreens and Shrubs, Shade Trees, Hardy Roses, Hardy Plants, Climbers, etc. The most complete collections in this country.

Gold Medal—Paris—Pan-American—St. Louis. 102 prizes New York State Fair, 1904.

Illustrated Descriptive Catalogue
FREE on Request.

ELLWANGER & BARRY

Mt. Hope Nurseries, Rochester, N. Y.
Drawer 1044 V Established 65 Years.

**ORDER
NOW**

Hardy Shrubs, Ramblers

And HYBRID ROSES For

**EASTER
FORCING**
And Rooted Cuttings of CARNATIONS for Early Delivery.
CARNATIONS. Rooted Cuttings.

Ready Now Except as Noted.

| | Per 100 | 1000 |
|-----------------------------------------|---------|----------|
| LADY BOUNTIFUL , white | \$ 6.00 | \$ 50.00 |
| PHYLLIS , Budd's light pink | 12.00 | 100.00 |
| CHICAGO WHITE , Rudd's new white | 12.00 | 100.00 |
| Cardinal, new scarlet | 12.00 | 100.00 |
| Crisis, new scarlet | 12.00 | 100.00 |
| Eclipse, Dorner's pink | 12.00 | 100.00 |
| Fiancee, new (Mar. 1) | 12.00 | 100.00 |
| Albatross, white | 5.00 | 40.00 |
| Crusader, red | 5.00 | 40.00 |
| Dorothy Whitney, yellow | 5.00 | 40.00 |
| Daheim, crimson (Feb. 1) | 6.00 | 50.00 |
| Red Lawson, new red | 10.00 | 75.00 |
| White Swan, new white | 10.00 | 80.00 |
| Richmond Gem, new scarlet | 10.00 | 75.00 |
| Enchantress, light pink | 4.00 | 30.00 |
| Flamingo, scarlet | 6.00 | 50.00 |
| Mrs. Patten, variegated | 6.00 | 50.00 |
| Nelson Fisher, deep pink | 6.00 | 50.00 |
| The Belle, white | 6.00 | 50.00 |
| White Lawson, white | 7.00 | 60.00 |
| Vesper, white | 5.00 | 40.00 |
| Boston Market, white | 3.00 | 25.00 |
| America, red | 1.75 | 15.00 |
| Flora Hill, white | 1.75 | 15.00 |

| CARNATIONS - Cont. | Per 100 | 1000 |
|----------------------------|---------|-------|
| Estelle, scarlet | 3.00 | 25.00 |
| Genevieve Lord, light pink | 1.75 | 15.00 |
| G. H. Crane, scarlet | 2.50 | 20.00 |
| Gov. Wolcott, white | 2.50 | 20.00 |
| Harlowden, crimson | 2.50 | 20.00 |
| Indianapolis, pink | 5.00 | 40.00 |
| The Marquis, pink | 1.75 | 15.00 |
| Mrs. Lawson, deep pink | 3.00 | 25.00 |
| Mrs. Joost, pink | 1.75 | 15.00 |
| Morning Glory, light pink | 2.00 | 18.00 |
| Prosperity, fancy | 3.00 | 25.00 |
| White Cloud, white | 1.75 | 15.00 |
| Queen Louise, white | 1.75 | 15.00 |

| | Each | Doz. | 100 |
|----------------------------------------------------------------|-------|---------|---------|
| DEUTZIA GRACILIS , pot-grown for 7-inch pots | \$.15 | \$ 1.50 | \$12.00 |
| DEUTZIA LEMOINEI , pot-grown for 7-inch pots | .40 | 3.50 | 25.00 |
| LILAC , Chas. X and Marie Legrange, pot-grown | .85 | 9.00 | 65.00 |
| Extra heavy | 1.00 | 11.00 | |
| AZALEA MOLLIS , mixed kinds, 20 buds | .40 | 4.00 | 30.00 |
| RHODODENDRONS , for forcing, bushy plants, 8 to 12 buds | 1.00 | 11.00 | |
| For forcing, large plants, 15 to 25 buds | 2.00 | 20.00 | |

| | Doz. | 100 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|
| HYDRANGEAS , Otakasa, Red Branched, Thos. Hogg | | |
| Dormant, 2-year old, pot-grown, for forcing | 5.00 | 35.00 |
| CRIMSON RAMBLERS , strong, 2-year old | 2.00 | 15.00 |
| Strong, 3-year old | 2.50 | 18.00 |
| DOROTHY PERKINS , strong, 2-year old | 2.50 | 20.00 |
| GRUSS an TEPLITZ , strong, 2-year old | 2.00 | 15.00 |
| MAMAN COCHET , strong, 2-year old | 2.00 | 15.00 |
| HERMOSA , strong, 2-year old | 2.25 | 16.00 |
| CLOTHILDE SOUPERT , strong field plants | 1.50 | 10.00 |
| AMERICAN BEAUTY | 2.00 | 15.00 |
| KAISERIN AUG. VICTORIA | 2.50 | 20.00 |
| PAUL NEYRON | 2.50 | 20.00 |
| LA FRANCE | 2.00 | 15.00 |
| Anna de Diesbach, Coquette des Alps, Captain Christy, Fisher Holmes, General Jacqueminot, John Hopper, Mad. Gabriel Luizet, Mad. Caroline Testout, Magna Charta, Marshall P. Wilder, Mrs. John Laing, Ulrich Brunner, Etc., all at | 1.50 | 11.00 |

VAUGHAN'S SEED STORE, Chicago.

 Greenhouses and Nurseries,
Western Springs, Ill.

Silver Ribbon Grass

The new hardy perennial. The finest ornamental grass to be had—perfectly hardy can be used indoors and out, grows rapidly and does not turn green or run to seed. Strong field-grown roots, 15c each by mail, postpaid. \$1.25 per dozen; \$8.00 per 100 by express, charges not prepaid. Can fill orders at any time. Terms cash with orders.

James Vick's Sons,
ROCHESTER, N. Y.

Surplus Tree Seeds.

500 Catalpa Speciosa, 500 Black Locust. Also good lot of other Tree and Shrub Seeds and a large lot of Seedlings both Nursery grown and collected. Send for Trade List.

FOREST NURSERY AND SEED CO.,

IRVING COLLEGE, Warren Co., TENN.

Please mention the American Florist when writing.

Philadelphia Rambler.

Flowers brighter and much more double than Crimson Rambler, strong grower, blooms earlier and does not bleach out. Field plants, 2 to 3 ft., \$2.00 per doz.; \$15.00 per 100. Field plants, 3 to 4 ft., \$3.00 per doz.; \$20.00 per 100.

The Conard & Jones Co., WEST GROVE, PA.

Please mention the American Florist when writing.

Munson Nurseries

New catalogue now ready. "Can't buy trees right without it." Get it of

T. V. MUNSON & SON, Denison, Tex.

The MUNSON GREENHOUSES. Cut flowers and Bedding Plants for retail trade.

WILL B. MUNSON, Denison, Tex.

Special Evergreen Offer.

We are the largest growers of **MAGNOLIA GRANDIFLORA** in the South, having upwards of 200,000 plants now on hand. In order to place part of this immense stock before our regular shipping season commences, we make the following offer.

One year plants, 1st grade, 6 to 8 inches, once transplanted, \$3.00 per 100; \$25.00 per 1000; \$115.00 per 5,000; \$200.00 per 10,000.

ALSO THE FOLLOWING:

| | Per 100 | Per 1000 |
|--------------------------------------------------------------|---------|----------|
| BUXUS ARBorea , 2 years, 6 to 8 inches | \$2.00 | \$18.00 |
| EUONYMUS JAPONICUS , 1 year, 4 to 6 inches | 1.50 | 12.50 |
| EUONYMUS JAPONICUS , 1 year, 6 to 8 inches | 2.00 | 18.00 |
| EUONYMUS PULCHELLUS , 2 years, 6 to 8 inches | 3.00 | 25.00 |
| RETINOSPORA PLUMOSA , 2 years, 9 to 12 inches | 4.00 | 35.00 |
| RETINOSPORA P. AUREA , 9 to 12 inches, 2 years | 4.00 | 35.00 |
| BIOTA ORIENTALIS ELEGANTISSIMA , 8 to 10 inches | 5.00 | |
| BIOTA ORIENTALIS var. ROSEDALE , 6 to 8 inches | 3.00 | |
| BIOTA ORIENTALIS , Rosedale, 1 ft., very fine | 10.00 | |
| BIOTA ORIENTALIS , Rosedale, 18 inches, very fine | 15.00 | |

JOSEPH W. VESTAL & SON,

Little Rock, Ark.

3 Good Things For 1905

 Rose Baby Rambler
Canna King Humbert
Gladiolus Princeps

VAUGHAN'S SEED STORE, Chicago and New York.

HAERENS EXOTIC NURSERIES

SOMERCEM, GHENT, BELGIUM.

Furnish **PALMS, ARAUCARIAS, BAY TREES, FICUS** and other decorative plants for 1905. Spring delivery, in prime quality, carefully packed. For trade list address the American Agents

August Rölker & Sons

31 Barclay St., P. O. Box 752, NEW YORK.

Please mention the American Florist when writing.



Send to

THE MOON

Company

 For { Trees, Shrubs, Vines
Your } and Small Fruits.

Descriptive Illustrated Catalogue Free.

THE WM. H. MOON CO.
Morrisville, Pa.

Our Pastimes

Announcements of coming contests or other events of interest to our bowling, shooting and sporting readers are solicited and will be given place in this column.

Address all correspondence for this department to J. H. Pepper, 429 Sixth Ave., New York; Robt. Kift, 1725 Chestnut St., Philadelphia; or to the American Florist Co., Chicago.

At Buffalo.

Now that trade is quiet a bowling match among the florists would be in order. Why not a match between the all Scotts and the florists? Let us hear from them. We have a few has beans that can roll a game. There is Kasting, Cowell, Braik, Reisch, Kumpff, Adams and Long to start with. Bring out your opponents.

BISON.

At Washington.

On January 11 the florists went down before the Market house bowlers in the District League. That twist of the wrist which makes a small link of sausage weigh a pound and a half, counts in bowling. The score follows:

| MARKET HOUSE. | | | | |
|---------------|-----|-------|-----|--|
| Player | 1st | 2d | 3d | |
| Bishop | 147 | 172 | 192 | |
| Miller | 186 | 150 | 163 | |
| Keane | 166 | 170 | 160 | |
| Hofmann | 178 | 199 | 199 | |
| Bailey | 170 | 181 | 201 | |
| Total | 847 | 872 | 898 | |
| FLORISTS. | | | | |
| Player. | 1st | 2d | 3d | |
| Cooke | 180 | 173 | 200 | |
| Simmons | 164 | 182 | 154 | |
| Shaffer | 163 | 136 | 157 | |
| Supper | 105 | 149 | 155 | |
| McLennan | 183 | 173 | 179 | |
| Total | 795 | 863 | 845 | |
| | | S. E. | | |

At New York.

The following were the scores at Monday night's meeting of the Florists' Club bowlers:

| PLAYER. | 1st | 2d | 3d | 4th | 5th |
|-----------------|-----|-----|-----|-----|-----|
| J. Scott | 68 | 169 | 86 | 118 | 168 |
| T. J. Lang | 148 | 166 | 145 | 222 | 213 |
| W. H. Siebrecht | 121 | 124 | 114 | | |
| J. Manda | 137 | 158 | 121 | | |
| J. H. Pepper | 88 | 84 | 79 | 119 | 107 |
| J. Young | 98 | 160 | 133 | 150 | 102 |
| P. O'Mara | 185 | 137 | 130 | | |
| A. S. Burns | 120 | 151 | 122 | | |
| J. Fenrich | 179 | 174 | 167 | 153 | 167 |
| J. A. Shaw | 101 | | 97 | 190 | 94 |
| F. H. Traendly | 188 | | 136 | | |
| A. J. Guttman | 120 | | 136 | 124 | 137 |

It was arranged to play a return match with the Flatbush club on Thursday, January 19, at the Flatbush alleys.

The return match between the Florists' Club team and the Hoboken florists was played last Saturday night on the Hoboken alleys, resulting in a victory for New York by 105 points. The Hoboken florists entertained quite a party from New York in royal fashion. The scores were:

| HOBOKEN. | | | | |
|-----------------|-----|-----|-----|--|
| PLAYER. | 1st | 2d | 3d | |
| P. Fischer | 109 | 92 | 154 | |
| M. Hansen | 150 | 140 | 127 | |
| C. Dietz | 109 | 157 | 104 | |
| H. Nende | 121 | 115 | 113 | |
| W. Otto | 195 | 142 | 139 | |
| J. Manda | 133 | 180 | 168 | |
| NEW YORK. | | | | |
| PLAYER. | 1st | 2d | 3d | |
| F. H. Traendly | 156 | 130 | 154 | |
| W. H. Siebrecht | 126 | 122 | 171 | |
| J. Fenrich | 106 | 94 | 109 | |
| A. S. Burns | 154 | 146 | 170 | |
| T. J. Lang | 171 | 173 | 186 | |

Shooting at Philadelphia.

Good scores were made by the majority of the seventeen marksmen who con-

tested in the monthly target shoot of the Florists' Gun Club, January 10, at Wisconsining, despite the fact that a tricky western wind carried the targets to all sorts of difficult angles.

Fred Coleman and Dave Sanford, two of the Florists' crack shots, tied for high gun honors by breaking 47 out of their string of 50 targets in the club shoot. Coleman missed his three birds on his first string of 25 and then ran straight in the last quarter. Sanford broke 24 on his first squad and missed two on his second.

| | Totals. |
|------------|----------|
| Sanford | 24 23 47 |
| F. Coleman | 22 25 47 |
| Finletter | 19 23 42 |
| Plesanton | 19 22 41 |
| Harley | 22 18 40 |
| Shew | 19 21 40 |
| Bell | 20 19 39 |
| Ford | 18 20 38 |
| E. Coleman | 20 18 38 |
| Harrison | 17 19 36 |
| Backner | 16 20 36 |
| Colville | 17 18 35 |
| Depew | 19 16 35 |
| Revan | 13 14 27 |
| Thomas | 12 11 23 |
| Cook | 5 5 10 |

A. H. Hews & Co. Incorporated.

EMPLOYES ENTERTAINED.

Still another evidence of the thoughtfulness for the welfare and pleasure of the employees of A. H. Hews & Co., Incorporated, the pottery concern of Cambridge, Mass., and the peculiarly family-like bond of co-operative interest existing between employers and employed at this establishment, the largest of its kind in the country if not in the world, was shown at the banquet and entertainment given to the employes Saturday evening, January 14, by Mrs. Albert Hews, widow of the former owner, in commemoration of Mr. Hews' birthday. The banquet room with the wives and children of the 130 attending, presented in appearance a huge family gathering, perfectly at home, one with the other, and this spirit was argueded by the excellently performed volunteer

service as waitresses of the wives of the officers of the corporation, and the ladies of the office.

At the close of the banquet the gathering was addressed by Geo. H. McKee, president, and Philip Cabot, treasurer of the present corporation, the latter speaking directly for Mrs. Hews, who was unable to be present, and expressing her deep desire to continue that interest always maintained by Mr. Hews in the employes, individually and collectively, many of whom have been continuously in the service for over a generation, and who by their competent and faithful service in their respective positions had been of such material assistance to him in building to its present magnitude the establishment which to-day stands as a monument to his honorable dealings with all men and to his business ability. The remarks of the speakers were followed by a two hours' musical and humorous entertainment, given by excellent talent.

It is worthy of note here that, contrary to the usual policy in such instances, no changes have been made in the personnel of the employes by the incorporation of this business, except, of course, the addition of new hands in the different departments to care for the rapidly increasing demands of trade.

PADUCAH, KY.—Robert E. Rudolph reports that Christmas trade was the best he ever had, plants and cut flowers being in heavy demand. His roses and carnations were just right with a big cut.

NEW HAVEN, CONN.—The New Haven County Horticultural Society has elected the following officers: President, Robert Pryde; vice-president John Murray; secretary, Thomas Pettit.

DENVER, COLO.—We are having some very cold weather, but the flower business continues to keep up to the standard. Stock is not very plentiful, in fact there is not a surplus of anything at present.

P.

NEW LIGHT PINK CARNATION
THAT WILL KEEP AND SHIP.

Phyllis

\$12.00 per 100
\$100.00 per 1000

ALSO ALL OTHER REALLY GOOD NEW VARIETIES
OF CARNATIONS AT ADVERTISED RATES.

JOHN N. MAY,
SUMMIT, N. J.

ROOTED CUTTINGS READY.

White Lawson

\$7.00 per 100; \$60.00 per 1000.

ENCHANTRESS, - - \$4.00 per 100; \$30.00 per 1000
PINK LAWSON, - - 3.00 per 100; 20.00 per 1000

Send for catalogue for other varieties.

CHICAGO CARNATION CO.
JOLIET, ILLINOIS.

RED SPORT (OF MACEO,) The NEW "BREAD and BUTTER" Brilliant Red Commercial Carnation

WHAT SOME OTHER PEOPLE SAY ABOUT IT:

WASHINGTON, D. C., December 19, 1904.
1214 F Street N. W.

A. B. DAVIS & SON, Purcellville, Va.

GENTLEMEN:—Please make our order for rooted cuttings of **RED SPORT** 2,000 instead of 1,000.

The bloom you sent in to-day were certainly very fine. We have been watching this promising new red for three years and the more we see of it and the longer we sell it over the counter the better we like it.

We do not make a practice of going in very strong on the new varieties the first year they are sent out, but after seeing **RED SPORT** growing and blooming at your place last Tuesday, we are convinced it is a great Christmas carnation, and an all around money maker, and we wish to increase our order as stated above. Your very truly,

A. GUDÉ & BRO.

CHICAGO, February 8, 1904.

A. B. DAVIS & SON, Purcellville, Va.

GENTLEMEN:—Your letter and **RED SPORT** of Maceo came to hand Friday. We waited to see how carnations would keep before writing you.

The color and keeping qualities are the best and if it blooms as freely as Maceo it is a good one. Very respectfully yours,

BASSETT & WASHBURN.

KENNETT SQUARE, PA., October 14, 1904.

A. B. DAVIS & SON, Purcellville, Va.

DEAR SIR:—Yours 12th at hand and I will be glad to include your **RED SPORT** of Maceo in our list and believe it will meet with good sale. You may book my order for 2,500 of them to start with. I think you have a good thing and I congratulate you. Very truly,

WM. SWAYNE

WHAT WE HAVE TO SAY ABOUT RED SPORT:

THIS New "Bread and Butter" commercial brilliant Red Carnation, now in its fourth year, has the hardy constitution of Gen. Maceo, with a stronger, heavier growth, longer and stiffer stem and larger flower. Growing under the same conditions and in the same house with Flamingo and Estelle, it has produced four times as many flowers as the former and twice as many as the latter. The color is as good as Estelle and the bloom brings as much as does Estelle at its best. Every flower is of a uniform, brilliant red, perfectly double, with an ideal calyx; in fact, we have never seen a split one.

RED SPORT is perfectly healthy, an easy variety to grow, an early and continuous bloomer, throwing its heaviest cuts around the Christmas holidays and during the winter months, when red is in demand. **RED SPORT** will keep longer and travel farther than any other red carnation, and will prove a bonanza to growers doing a shipping business. If the scarcity of reds in the market that now exists continues, **RED SPORT** will pay better to the square foot of bench room than any other variety of any color to date.

Every florist who has seen RED SPORT growing has placed an order for rooted cuttings, which tells the tale.

All our rooted cuttings are sold until January 25. Orders filled in strict rotation from above date on. Prices, 12 for \$1.50; 25 for \$2.50; 50 for \$4.00, postpaid. \$6.00 per 100; \$50.00 per 1000 by express. We guarantee cuttings to be well rooted and to arrive in good condition.

A. B. DAVIS & SON, Carnation Specialist, Purcellville, Va.

CARNATIONS

ROOTED CUTTINGS.

| | Per 100 | 1000 |
|-----------------------|---------|---------|
| Lawson..... | \$1.50 | \$12.50 |
| Guardian Angel..... | 1.00 | 9.00 |
| Enchantress..... | 3.00 | 25.00 |
| Morning Glory..... | 1.50 | 12.50 |
| Mrs. Higinbotham..... | 1.25 | 10.00 |
| Estelle..... | 1.50 | 12.50 |
| Chicago..... | 2.00 | 15.00 |
| Adonis..... | 2.50 | 20.00 |
| Flora Hill..... | 1.00 | 9.00 |
| White Cloud..... | 1.25 | 10.00 |
| Her Majesty..... | 1.50 | 12.50 |
| Harlowarden..... | 1.50 | 12.50 |

WIETOR BROTHERS

51 Wabash Ave., CHICAGO.

Please mention the American Florist when writing.


Rooted Carnation Cuttings

—All Orders Filled in Rotation.—

| | Per 100 |
|----------------------------------------|---------|
| Mrs. M. A. Patten..... variegated..... | \$6.00 |
| White Lawson..... | 6.00 |
| Flamingo..... scarlet..... | 6.00 |
| Albatross..... white..... | 6.00 |
| Enchantress..... | 3.50 |
| Queen..... white..... | 3.00 |
| Boston Market..... white..... | 3.00 |
| Queen Louise, Lawson..... | 2.00 |
| J. H. Manley..... scarlet..... | 2.00 |
| Challenger..... scarlet..... | 2.00 |

Write for Prices on Large Lots. 5 Per Cent Discount for Cash with Order.

Jas. D. Cockcroft, NORTHPORT, L. I., N. Y.

| | | |
|----------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------|
| \$10 per 100 \$40 per 500 \$75 per 1000 | Red Lawson will Bloom 3 to 1 against any other RED Carnation on the market | \$10 per 100 \$40 per 500 \$75 per 1000 |
| 8000 BLOOMS Cut and sold Xmas Week at \$1.50 per doz. |  | 8000 BLOOMS Cut and Sold Xmas Week at \$1.50 per doz. |
| \$10 per 100 \$40 per 500 \$75 per 1000 | 50,000 Cuttings Sold and not a word of complaint FINE, STRONG, HEALTHY CUTTINGS | \$10 per 100 \$40 per 500 \$75 per 1000 |
| W. J. PALMER & SON, Lancaster, N. Y. | | |

MY MARYLAND.

The largest, most productive and most profitable White Carnation yet raised. Will be disseminated in 1906. Write us about it. Also for other new and standard carnations.

CHRYSANTHEMUM STOCK PLANTS.

| Each. | Doz. | Each. | Doz. |
|---------------------------------------------------------------------------------|--------|----------------------------------------------------------------------------------------|------|
| Dr. Eogebard 35c | \$3.00 | Uncle John... 35c | 3.00 |
| White Mrs. J.R. | | Rockford..... 25c | 3.00 |
| Trantor..... 35c | 3.00 | Mrs. Probio... 35c | |
| Am. Beauty... 35c | 3.00 | Mrs. Newell... 35c | |
| S. T. Wright... 50c | 5.00 | | |
| Pacific, B. Rose, Willow Brook, Ivory, Mrs. J. Jones, 10c each, \$6.00 per 100. | | Orizaba, Halliday, Monrovia, Merry Xmas, Liger, H. Sinclair, 10c each, \$7.00 per 100. | |

H WEBER & SONS, Oakland, Md.

Please mention the American Florist when writing.

CARNATION CUTTINGS

WELL ROOTED, FROM SELECTED STOCK.

| | Per 100 | Per 1000 |
|------------------------|---------|----------|
| NELSON FISHER..... | \$7.00 | \$60.00 |
| MRS. M. A. PATTEN..... | 6.00 | 50.00 |
| FLAMINGO..... | 6.00 | 50.00 |
| CRUSADER..... | 6.00 | 50.00 |
| D. WHITNEY..... | 5.00 | 40.00 |
| ENCHANTRESS..... | 4.00 | 30.00 |
| H. FENN..... | 3.00 | 25.00 |
| MANLEY..... | 3.00 | 25.00 |
| FAIR MAID..... | 2.50 | 20.00 |
| QUEEN..... | 3.00 | 25.00 |

BACKER & CO., Billerica, Mass.

Please mention the American Florist when writing.

ROOTED CUTTINGS.

Fine Clean, Healthy Stock.

ROSES.

| | Per 100 | Per 1000 |
|----------------------|---------|----------|
| AMERICAN BEAUTY..... | \$3.00 | \$25.00 |
| LIBERTY..... | 3.00 | 25.00 |
| BRIDESMAID..... | 1.50 | 12.50 |
| BRIDE..... | 1.50 | 12.50 |
| GOLDEN GATE..... | 1.50 | 12.50 |
| IVORY..... | 1.50 | 12.50 |

CARNATIONS.

| RED | Per 100 | Per 1000 |
|---------------|---------|----------|
| CRUSADER..... | \$5.00 | \$45.00 |
| FLAMINGO..... | 5.50 | 45.00 |
| ESTELLE..... | 1.50 | 12.50 |
| INE..... | 1.50 | 12.50 |

PINK

| | | |
|---------------------|------|-------|
| NELSON FISHER..... | 6.50 | 55.00 |
| MRS. NELSON..... | 1.50 | 12.50 |
| MRS. LAWSON..... | 1.50 | 12.50 |
| GUARDIAN ANGEL..... | 1.00 | 9.00 |
| MRS. JOOST..... | 1.25 | 10.00 |
| GENEVIEVE LORD..... | 1.25 | 10.00 |
| ENCHANTRESS..... | 3.00 | 25.00 |

LIGHT PINK

| | | |
|--------------------|-------|--------|
| HIGHBOTHAM..... | 1.00 | 9.00 |
| GIBSON BEAUTY..... | 12.00 | 100.00 |

WHITE

| | | |
|--------------------|------|-------|
| BOSTON MARKET..... | 2.50 | 20.00 |
| PERU..... | 1.00 | 9.00 |
| WHITE CLOUD..... | 1.50 | 12.50 |
| QUEEN LOUISE..... | 1.00 | 9.00 |
| FLORA HILL..... | 1.00 | 9.00 |

GEO. REINBERG,

51 Wabash Ave., CHICAGO.

Please mention the American Florist when writing.

Carnation Cuttings.

| | Per 100 | Per 1000 |
|-------------------|---------|----------|
| ENCHANTRESS..... | \$3.50 | \$30.00 |
| FAIR MAID..... | 2.50 | 20.00 |
| QUEEN..... | 3.00 | 25.00 |
| QUEEN LOUISE..... | 2.00 | 15.00 |
| LAWSON..... | 2.50 | 20.00 |
| CRESSBROOK..... | 2.00 | 15.00 |
| CHALLENGER..... | 2.00 | 15.00 |
| MACEO..... | 2.00 | 15.00 |
| HARRY PENN..... | 3.00 | 25.00 |
| PROSPERITY..... | 2.50 | 20.00 |
| G. M. BRADT..... | 3.00 | 25.00 |
| FIANCEE..... | 12.00 | 100.00 |

C. WARBURTON,

FALL RIVER, MASS.

Please mention the American Florist when writing.

WM. PENN

The most prolific Pink Carnation ever offered the trade. Every grower should give it a trial; you can not make any mistake in planting a thousand of it, but rather than have you miss it I will send free by mail 25 well-rooted cuttings for \$2.50.

Send for price list of this and other varieties.

| | Per 100 | Per 1000 |
|------------------------|---------|----------|
| QUEEN LOUISE..... | \$10.00 | \$100.00 |
| LILLIAN POND..... | 10.00 | 100.00 |
| FLORIAN..... | 12.50 | 125.00 |
| HARRY PENN..... | 12.50 | 125.00 |
| MRS. ROOSEVELT..... | 12.50 | 125.00 |
| MRS. E. A. NELSON..... | 15.00 | 150.00 |

ALBERT M. HERR, Lancaster, Pa.

Please mention the American Florist when writing.

UNROOTED CARNATION CUTTINGS.

The following at \$3 per 100; \$25 per 1000

| | |
|---------------------|---------------|
| White Lawson..... | M. A. Patten |
| Fleming..... | Nelson Fisher |
| Lady Bountiful..... | Crusader |

The following at \$2 per 100; \$15 per 1000

| | |
|--------------------|-----------|
| Enchantress..... | The Queen |
| Boston Market..... | Fair Maid |

IMPERIAL GREENHOUSES, UTICA, N. Y.

Rooted CARNATION CUTTINGS

NOW READY

THESE LOW PRICES GOOD ONLY UP TO DECEMBER 25th....

WHITE.

| | Per 100 | 1000 |
|-------------------|---------|---------|
| Queen Louise..... | \$1.00 | \$10.00 |
| Flora Hill..... | 1.00 | 10.00 |
| Alba..... | 1.40 | 12.50 |
| Gov. Wolcott..... | 1.00 | 10.00 |
| Norway..... | 1.00 | 10.00 |
| Lillian Pond..... | 1.40 | 12.50 |
| Chicot..... | 1.20 | 10.00 |

PINK.

| | | |
|---------------------------|------|-------|
| Mrs. Thos. Lawson..... | 1.40 | 12.50 |
| Enchantress..... | 3.50 | 30.00 |
| Mrs. Joost..... | 1.00 | 10.00 |
| Success..... | 1.00 | 10.00 |
| Mermaid..... | 1.00 | 10.00 |
| Cressbrook..... | 1.00 | 10.00 |
| Pres. McKinley..... | 1.40 | 12.50 |
| Mrs. Theo. Roosevelt..... | 1.40 | 12.50 |

SCARLET.

| | | |
|------------------|------|-------|
| G. H. Crane..... | 1.00 | 10.00 |
|------------------|------|-------|

Special prices on large lots. Unrooted pips at half price of above. 25 at 100; 250 at 1000 rates. Express prepaid at above prices. Cash or C. O. D. with privilege of examining.

LOOMIS FLORAL COMPANY,

Loomis, Cal.



Please mention the American Florist when writing.

Richmond Gem.

The finest commercial scarlet ever introduced. Place your order early. Send for circular.

Price, \$10.00 per 100; \$75.00 per 1000.

B. K. & B. Floral Co.
RICHMOND, IND.

CRISIS

This **NEW CARNATION** has been thoroughly tried the last two years and is the best scarlet Carnation we have ever seen. It is a money maker. Send for descriptive circular. Price, \$12.00 per 100; \$100.00 per 1000.

J. L. DILLON, Bloomsburg, Pa.

ROOTED

Carnation Cuttings.

| | Per 100 | 1000 |
|---------------------------------|---------|---------|
| WHITE LAWSON..... | \$5.00 | \$50.00 |
| FLAMINGO..... | 6.00 | 50.00 |
| ENCHANTRESS..... | 3.50 | 30.00 |
| THE QUEEN..... | 2.50 | 20.00 |
| CARDINAL, from 2-inch pots..... | 12.00 | |

Larchmont Nurseries,
LARCHMONT, N. Y.

Wm. P. Craig, 1224 Cherry St., Philadelphia, Pa.

Representing Joseph Heacock and John Burton, Assignees.
PALMS, FERNS, CROTONS and DECORATIVE PLANTS.

CARNATIONS Flora Hill and Joost, 2-in. pots, \$1.25 per 100.

ROSES Ivory and Golden Gate, 2 1/4-inch, pots, \$1.50 per 100.

H. ROSSITER,

200 Lexington Ave., JERSEY CITY, N. J.

Carnations

ROOTED CUTTINGS.

Send for price list of all the new and standard sorts.

Wm. Swayne, Box 226, Kennett Square, Phila.

ALWAYS MENTION THE....

AMERICAN FLORIST

WHEN WRITING ADVERTISERS.

ROSES

ROOTED CUTTINGS.

| | Per 100 | Per 1000 |
|-----------------|---------|----------|
| Chatenay..... | \$2.50 | \$20.00 |
| Uncle John..... | 2.50 | 20.00 |

| | Per 100 | Per 1000 |
|-----------------|---------|----------|
| Bridesmaid..... | 1.50 | 12.50 |
| Bride..... | \$1.50 | \$12.50 |

| | Per 100 | Per 1000 |
|------------|---------|----------|
| Ivory..... | 1.50 | 12.50 |
| Perle..... | 1.50 | 12.50 |

ROSES. 2½-inch pot plants.

| | Per 100 | Per 1000 |
|---------------------------|---------|----------|
| Richmond..... | \$30.00 | \$250.00 |
| Rosalind Orr English..... | 25.00 | 200.00 |
| Chatenay..... | 4.00 | 30.00 |
| Sunrise..... | 4.00 | 30.00 |
| Perle von Godesberg..... | 5.00 | 40.00 |

| | Per 100 | Per 1000 |
|-----------------|---------|----------|
| Liberty..... | \$ 5.00 | \$45.00 |
| La Detroit..... | 6.00 | 50.00 |
| Uncle John..... | 4.00 | 35.00 |
| Kaiserin..... | 4.00 | 30.00 |

| | Per 100 | Per 1000 |
|-----------------|---------|----------|
| Bridesmaid..... | \$ 3.00 | \$ 25.00 |
| Bride..... | 3.00 | 25.00 |
| Ivory..... | 3.00 | 25.00 |
| Perle..... | 3.00 | 25.00 |

CARNATIONS

ROOTED CUTTINGS.

| WHITE. | Per 100 | Per 1000 |
|---------------------|---------|----------|
| Chicago White..... | \$10.00 | \$120.00 |
| Lady Bountiful..... | 5.00 | 45.00 |
| Boston Market..... | 2.50 | 20.00 |
| The Belle..... | 5.00 | 45.00 |
| Flora Hill..... | 1.00 | 9.00 |
| Queen Louise..... | 1.00 | 9.00 |
| Peru..... | 1.00 | 9.00 |

| SCARLET. | Per 100 | Per 1000 |
|-------------------|---------|----------|
| Richmond Gem..... | \$10.00 | \$75.00 |
| Crusader..... | 5.00 | 45.00 |
| Adonis..... | 2.50 | 20.00 |
| Estelle..... | 1.00 | 9.00 |
| Indianapolis..... | 5.00 | 45.00 |
| PINK. | Per 100 | Per 1000 |
| Phyllis..... | \$10.00 | \$120.00 |

| PINK. | Per 100 | Per 1000 |
|---------------------|---------|----------|
| Nelson..... | \$ 1.50 | \$12.50 |
| Enchantress..... | 3.00 | 25.00 |
| Lawson..... | 1.50 | 12.50 |
| Morning Glory..... | 1.50 | 12.50 |
| Joost..... | 1.50 | 12.50 |
| Higinbotham..... | 1.00 | 9.00 |
| Guardian Angel..... | 1.00 | 9.00 |

All plants and rooted cuttings sold under the express condition that if not satisfactory they are to be returned immediately when money will be refunded.

PETER REINBERG, 51 Wabash Ave., CHICAGO.

CARNATIONS.

Rooted Cuttings Now Ready.

ECLIPSE Our 1905 introduction. A pink carnation, lighter in color than Lawson and of a more even and bright shade of pink. No objectionable shadings or bleedings. A strong, free growth, large flowers on long stiff stems and early and continuous flowering.

FIANCEE A most pleasing shade of medium pink. No carnation has ever equaled number of awards received by this variety.
CARDINAL—Brilliant scarlet. A great improvement over Estelle.
FRED BURKI—Pure white.

—The above four varieties, \$12.00 per 100; \$100.00 per 1000—

RICHMOND GEM—Scarlet. \$10.00 per 100; \$75.00 per 1000.

LADY BOUNTIFUL AND THE BELLE The two best commercial white carnations of the present day. Both have received honors over competitors at the fall exhibitions. We have large stocks of these two varieties which are already in great demand. Do not delay in placing your order for early delivery. \$6.00 per 100; \$50.00 per 1000; \$112.50 per 2500.

WHITE LAWSON—\$7.00 per 100; \$60.00 per 1000.

FLAMINGO, NELSON FISHER and MRS. M. A. PATTEN, \$6.00 per 100; \$50.00 per 1000.

CRUSADER, INDIANAPOLIS, JUDGE HINSDALE and THE PRESIDENT, \$5.00 per 100; \$40.00 per 1000.

ENCHANTRESS, \$3.00 per 100; \$25.00 per 1000.

In addition to the above we can supply twenty-five of the best standard sorts, varieties that are profitable to grow.

Our preliminary Price List will be sent upon application. We are pioneers in the carnation line and our facilities for rooting and handling cuttings are nearly perfect, due to our long experience.

F. DORNER & SONS CO., La Fayette, Ind.

FRED BURKI

IS THE IDEAL

Commercial White Carnation

Its freedom of bloom, coupled with its other meritorious qualities, will commend it to the most conservative growers. You will make no mistake by growing Fred Burki.

\$12 per 100; \$100 per 1000. 250 at 1000 rates.

—WRITE FOR DESCRIPTIVE CIRCULAR.—

JOHN MURCHIE,
Sharon, Pa.

S. S. SKIDELSKY,
824 No. 24th St., Philadelphia.

ROSES

Rooted Cuttings and 2x2½-inch stock.

Meteor, Wootton, Gen. MacArthur, Bride, Kaiserin, Ivory, Bridesmaid, La Detroit, La France, Perle, Golden Gate, American Beauty, Pres. Carnot.

CARNATIONS.

Crane, Estelle, Queen Louise, Gov. Wolcott, Glacier, Norway, Mrs. Fisher, Mrs. Joost, Guardian Angel, Lawson, Enchantress.

CERANIUMS, Red, White, Pink and Salmon, also Rose and Mme. Sallerol. R. C. and 2-in. **COLEUS**, Sweet Alyssum, Lantana, Marguerites, Feverfew, Vincas, Ageratum, Heliotrope, Salvia, etc.

Boston Ferns, Piersoni, Asparagus Plumosus and Sprengeri. Write

GEO. A. KUHL, Pekin, Ill.

Roses for Spring Blooming.

The proper sorts. Clothilde, Souper, General Cacqueimot, Ulrich Brunner, La France, Magna Jharta, Crimson Rambler, etc.; fine field-grown plants that have never been forced, suitable for 5-inch pots, at 7c; larger for 6-in., at 12c. Crimson Rambler, XXX, long tops, 20c. Large-flowered Clematis, finest purple, lavender, white and red sorts—2-year at 18c; 1-year, at 9c. Hydrangea pan. grand., fine bushy plants, 8c. Other shrubs etc., in cellar, priced on application. Packing free for cash. **W. H. SALTER, Rochester, N. Y.**

UNROOTED CARNATION CUTTINGS

From clean, healthy stock.
Crane, Queen Louise, Mrs. Joost, Flora Hill and M. Glory, 75c per 100. Harlowarden, \$1. per 100.

BATAVIA GREENHOUSES, Batavia, Ill.

Please mention the American Florist when writing.

NEW CARNATION William Penn

A seedling of Scott and McGowan. A very pleasing, salable shade of pink. Free and continuous bloomer, good habit, and should be planted by every grower, who uses his own flowers, because there are always plenty to use. I have grown it for five years and it has given me more good salable flowers per square foot than any other variety I ever grew.

Price per 100, \$10.00; 25 at 100 rates. Price per 1000, \$75.00; 250 at 1000 rates.

FRANK L. KOHR, Lancaster, Pa.

—R. F. D. No. 3—

Louisville.

The past week may be said to have been the poorest for some time. While not much was going on, some orders were received for the following week. Stock has become plentiful for the first time this winter. Roses of exceptional quality are to be had and the demand is fair. Carnations have improved in quality and the supply is satisfactory, with only a fair demand. Violets are being received in great quantities and the demand has been good. Home-grown lily of the valley is seen. Mignonettes are good in quality, but few in numbers. Sweet peas are plentiful. Green goods, with the exception of smilax, is very scarce.

From the present outlook Louisville will be in line with a bowling club. This is a move that has been thought of for some time by some of the members, and final arrangements will probably be made at the next meeting. The preliminary premium list for the Louisville flower show is about ready.

The local representation at the carnation meeting at Chicago will consist of about three or four members.

August R. Baumer, after about a week of "slow business," came in line Sunday with a big funeral order.

Nanz & Neuner have been displaying some good bouvardias.

The smokes are on Henry Fuchs. It is a boy.

Visitors: Ralph M. Ward, of Ralph M. Ward & Company, New York, and F. W. Creighton, of Henry A. Dreer, Philadelphia. F. L. S.

WHITE LAWSON which we introduced last season has given great satisfaction, and has proved to be **The Finest White Carnation** ever sent out. Remember we are headquarters for it. The demand will undoubtedly exceed the supply this season, and in order to secure early delivery, no time should be lost in placing order. We are now booking orders for early January delivery. Orders will be filled strictly in rotation as received, so the earlier orders are booked the earlier deliveries can be made. We can supply **First-class strong rooted cuttings, \$7 per 100; \$60 per 1000.** Also the other novelties of the season—**Fiancee, Cardinal, Fred Burki, etc.** Also the cream of older sorts—**Mrs. M. A. Patten, Daheim, Enchantress, Flamingo, Mrs. Thos. W. Lawson, etc.**

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.
Please mention the American Florist when writing.

ROOTED CARNATION CUTTINGS.

—NOW READY—

White Lawson M. A. Patten
Flamingo Nelson Fisher
Lady Bountiful Albatross
The above at \$5 per 100; \$40 per 1000.
The following at \$3 per 100; \$25 per 1000:
Enchantress The Queen
Boston Market Fair Maid

IMPERIAL GREENHOUSES, UTICA, N. Y.
Please mention the American Florist when writing.

Carnation Rooted Cuttings.

NOW READY.

| | Per 100 | 1000 |
|---------------------------------|---------|---------|
| QUEEN LOUISE, blue white | \$1.00 | \$10.00 |
| AMERICA, red | 1.00 | 10.00 |
| MRS. POTTER PALMER, big scarlet | 1.00 | 10.00 |
| G. H. CRANE, scarlet | 1.00 | 10.00 |
| ELDORADO, yellow | 1.20 | 10.00 |
| MARSHALL FIELD, barred | 1.40 | 12.00 |
| ARMAZINDY, barred | 1.00 | 10.00 |
| MRS. JOOST, pink | 1.00 | 10.00 |
| LAWSON, pink | 1.40 | 12.50 |
| PRES. McKINLEY, pink | 1.40 | 12.50 |
| SUCCESS, light pink | 1.00 | 10.00 |
| HARLOWARDEN, crimson | 1.40 | 12.50 |
| GOV. ROOSEVELT, crimson | 1.20 | 10.00 |

UNROOTED CUTTINGS HALF PRICE.

TERMS: Cash with order or C. O. D. with privilege of examination. Express prepaid at above prices. All plants warranted true to name and well-rooted.

HERMITAGE CARNATION CO., Loomis, Cal.

THE NEW ROSE

Wellesley

Is a Welcome Addition to the List of **FORCING ROSES.**

Color bright pink, with reverse petals clear silvery pink, thus producing a combination that is exceedingly effective either in daylight or in artificial light.

Growth is very free and exceptionally vigorous and will prove satisfactory every month in the year. Delivery strictly in rotation, beginning April 1.

| Own Root. | | Grafted. | |
|-----------|----------|----------|----------|
| \$ 25 | per 100 | \$ 30 | per 100 |
| \$ 55 | per 250 | \$ 70 | per 250 |
| \$100 | per 500 | \$130 | per 500 |
| \$200 | per 1000 | \$260 | per 1000 |

WABAN ROSE CONSERVATORIES, NATICK, MASS.

JOHN N. MAY, - - - Summit, N. J.

200,000 ROOTED

Carnations

NOW READY.

| White | | Per 100 | Per 1000 | Pink | | Per 100 | Per 1000 |
|--------------|--|---------|----------|----------------|--|---------|----------|
| Queen Louise | | \$1.00 | \$10.00 | Cressbrook | | 1.00 | 10.00 |
| Flora Hill | | 1.00 | 10.00 | Scarlet | | | |
| Gov. Wolcott | | 1.00 | 10.00 | Crane | | 1.00 | 10.00 |
| White Cloud | | 1.00 | 10.00 | America | | 1.00 | 10.00 |
| Alba | | 2.00 | 15.00 | Estelle | | 1.40 | 12.50 |
| Pink | | | | Crimson | | | |
| Lawson | | 1.20 | 12.50 | Harlowarden | | 1.40 | 12.50 |
| Marquis | | 1.00 | 10.00 | Variegated | | | |
| Enchantress | | 3.50 | 30.00 | Prosperity | | 1.40 | 12.50 |
| Mrs. Joost | | 1.00 | 10.00 | Marshall Field | | 1.40 | 12.50 |
| McKinley | | 1.40 | 12.50 | Armazindy | | 1.00 | 10.00 |
| Mermaid | | 1.00 | 10.00 | Viola Allee | | 1.20 | 11.00 |

100,000 Pansy Plants, at \$10.00 per Thousand.

Unrooted Cuttings at one-half price of rooted cuttings. Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.

Loomis Carnation Co.

Lock Box 115, LOOMIS, CAL.

CARNATION CUTTINGS

THOROUGHLY ROOTED.

Boston Market, Enchantress, Mrs. Lawson, Prosperity.
\$3.00 per 100; \$25.00 per 1000.

Note! We don't quote ridiculously low prices. We simply state that we ship you the best cuttings at the least possible prices.

WEILAND & RISCH,

Leading Western Wholesale Growers and Shippers of Cut Flowers,
59 Wabash Avenue, CHICAGO.

THE BEST WHITE CARNATION IS

Lieut. Peary (WARD)

CERTIFICATED 90 POINTS.

PEDIGREE—White seedlings for several generations. **COLOR**—Snow white. **FRAGRANCE**—Very strong clove, decidedly fresh, and pleasing. **SIZE**—Large, averaging 3 inches in diameter on strong stiff stems, 18 to 20 inches in length. **FLOWER**—Full, broad petaled and high center and of a fine symmetrical form. **CALYX**—Long, strong and does not burst. Fine keeper and excellent shipper. **HABIT**—Strong and erect. **CRASS**—Medium width. **CONSTITUTION**—Very vigorous and free from disease. Cuttings root rapidly and will be sent out in the most perfect condition. Commences blooming October 15th and flowers continuously throughout the Winter, affording an abundant crop. A first-class commercial variety in every respect. Now booking orders.

Price, \$12.00 per 100; \$100.00 per 1000.

COTTAGE GARDENS CO., Queens, N. Y.

Incorporated.

ALSO THE FOLLOWING

NOW READY:

| | |
|---------------------------|-----------------------------------|
| 3,000 ETHEL WARD..... | \$7.00 per 100. |
| 2,000 THE PRESIDENT..... | \$60.00 per 1000. |
| 2,000 WHITE LAWSON..... | |
| 5,000 ENCHANTRESS..... | \$4.00 per 100; |
| 2,000 CHRISTMAS EVE..... | \$30.00 per 1000. |
| 2,000 GOLDEN EAGLE..... | \$5.00 per 100; \$40 per 1000. |
| 1,000 HARRY FENN..... | \$3.00 per 100; |
| 5,000 LAWSON..... | \$25.00 per 1000. |
| 2,000 PROSPERITY..... | \$2.00 per 100; \$15.00 per 1000. |
| 3,000 MACKINAC..... | |
| 2,000 THE BELLE..... | |
| 2,000 LADY BOUNTIFUL..... | |
| 3,000 JUDGE HINSDALE..... | \$6.00 per 100. |
| 2,000 MRS. PATTEN..... | \$50.00 per 1000. |
| 2,000 NELSON FISHER..... | |
| 2,000 OCTOBER..... | |
| 2,000 FLAMINGO..... | |

50 of a kind at 100 rate; 250 of a kind at 1000 rate.

A FEW GOOD THINGS YOU WANT.

KENTIAS, As fine lot of single and made-up plants as ever grown, 4-in., 5-in., 6-in., 7-in., and 8-in. pots, at 20c, 35c, 75c, \$1.50 to \$3.00 each.

BOSTON FERNS, 5-inch, \$30 per 100.

DRACAENA INDIVISA, 3, 4, 5-inch, \$5.00, \$10.00 and \$25.00 per 100.

ASPARAGUS PLUMOSUS, 2 and 3-in., \$4.00 and \$8.00 per 100.

ASPARAGUS SPRENGERI, 2 and 3-in., \$3.00 and \$5.00 per 100.

GERANIUMS, Mrs. E. G. Hill, Jean Vland, S. A. Nutt, Castellane, Poitevine, Riccard, John Doyle, Perkins, Single and Double, Gen. Grant, La Favorite, 2-in. pots, \$3.00 per 100.

Unrooted cuttings of **CARNATIONS**. The best and cheapest way to buy them. Queen Louise, Portia, Crocker, Goodenough, 50c per 100. Lawson, Boston Market, Fair Maid, \$1.00 per 100.

GLADIOLUS BULBS, good mixture, 75c per 100, \$6.00 per 1000.

GERMAN IVY, 2-in., \$2.50 per 100.

CASH OR C. O. D.

GEO. M. EMMANS, NEWTON, N. J.

Please mention the American Florist when writing.

Pansies Giant. Guaranteed to please, \$2.00 per 1000. Safely packed with liberal count. Daisies, Longfellow, \$2.00 per 1000. Two bargains. Primula, Obe. Grandif., pink shades mixed, in bloom, 2-in., 1½c. Alyssum, Giant double, 2c. Heliotrope, blue, 1½c. Fuchsia, 2c. Asp. Sprengeri, 2-in., 1½c. Plumosa Nanus, 1½-in., 1½c. 3-in., 4c. Rooted Cuttings, prepaid, per 100: Alyssum, Giant, 75c; Ageratum, Gurney, 60c; Alternanthera, best red and yellow, 45c; fall rooted, extra strong, 50c; \$4.50 per 1000. Fuchsia, 5 blue sorts, \$1.25. Giant Marg. Daisy, white, \$1.00. Coleus, best bedders, 60c.

CASH.

BYER FLORAL COMPANY, Shippensburg, Pa.

Please mention the American Florist when writing.

SALVIA.

The two best sorts. **LORD FAUNTLEROY**, (dwarf). **BONFIRE**, (tall). Rooted cuttings, \$1.00 per 100; \$8.00 per 1000.

Send For Our List of other Stock.

The W. T. Buckley Co., SPRINGFIELD, ILL.

SPECIALTIES

ROSES, from 3-inch pots, **In Best**

CARNATIONS, for all delivery, **Varieties**

CHRYSANTHEMUMS,

SMILAX, VIOLETS.

Prices Low. Send for List.

WOOD BROTHERS, Fishkill, N. Y.

HINODE FLORIST CO.

...JAPANESE NOVELTIES...

TINY PLANTS, in 2 and 3-in. decorated Japan-ese pots, \$15.00, \$20.00 and \$25.00 per 100.

RHAPIS, 5 to 15 shoots, 50 cents each.

CASH WITH ORDER.

LARGEST GROWERS OF EASTER LILIES.

WOODSIDE, N. Y. and WHITESTONE, L. I., N. Y.

CARNATIONS!

S 12.00 per 100

100.00 per 1000

250 at 1000 rate

VICTORY

To Be Disseminated

1906.

PLACE YOUR ORDERS FOR ROOTED CUTTINGS.

| | | | | | |
|---------------------|---------|--------------------------|-----------------|---------|--------|
| WHITE LAWSON..... | Per 100 | \$8.00 | HARRY FENN..... | Per 100 | \$2.50 |
| NELSON FISHER..... | 6.00 | GOETHE, light pink..... | 2.50 | | |
| MRS. PATTEN..... | 6.00 | GENEVIEVE LORD..... | 2.50 | | |
| ENCHANTRESS..... | 3.00 | MANLEY..... | 3.00 | | |
| PROSPERITY..... | 3.00 | MACEO..... | 1.50 | | |
| THE BELLE..... | 6.00 | CERVERA, variegated..... | 2.00 | | |
| LADY BOUNTIFUL..... | 6.00 | LAWSON..... | 2.00 | | |

—5 per cent discount for cash with order.—

GUTTMAN & WEBER, Lynbrook, L. I., N. Y.

Address all Correspondence to 52 W. 29th St., New York.

CANNAS

STRONG EYES.

| | | |
|----------------------------|---------|----------|
| | Per 100 | Per 1000 |
| 2,500 Chas. Henderson..... | \$2.00 | \$18.00 |
| 1,000 F. Vaughan..... | 2.00 | 18.00 |
| 1,000 Mme. Crozy..... | 2.00 | 18.00 |
| 2,000 Austria..... | 1.50 | 14.00 |

Carnations 300 Flamingo, 300 Lady Bountiful, 500 Indianapolis, at \$5.00 per 100, or will exchange for Nelson Fisher.

FURROW BROS., Guthrie, Okla.

Please mention the American Florist when writing.

CINERARIA HYB.

H. F. Michell's best strain, 4-inch, \$8.00 per 100; 3-inch pots, \$8.00 per 100; 2-inch, \$3.00 per 100.

GODFREY ASCHMANN,

Wholesale Grower and Importer of Pot Plants.

Bell Phone Tioga 3669 A.

1012 Ontario St., PHILADELPHIA, PA.

Please mention the American Florist when writing.

RUDBECKIA.

| | |
|---------------------------------|---------|
| | Per 100 |
| Extra choice, large clumps..... | \$5.00 |

Asp. Sprengeri, extra quality, 2½-in. pots... 2.00

Asp. Plumosa, extra quality, 2½-in. pots... 2.50

Asp. Plumosa, extra quality, 3-in. pots.... 4.00

JOHN BROD, Niles Center, Ill.

GERANIUMS.

ROOTED CUTTINGS.

Fifteen varieties at \$10.00 and \$12.50 per 1000. Send for complete price list of GERANIUMS and CARNATIONS.

ALBERT M. HERR, Lancaster, Pa.

SPECIAL IN

Perle des Jardin Roses

We have an extra nice lot of 2x2½-inch about ready to shift. Write

GEO. A. KUHLE, - Pekin, Ill.

Roses Rooted Cuttings

Bride, Bridesmaid, Golden Gate, Ivory, \$1.25 per 100; \$10.00 per 1000. Selected from healthy grafted stock. Satisfaction guaranteed. 250 at 1000 rate. Cash or satisfactory references.....

BAUR FLORAL CO., 20 W. 10th St., Erie, Pa.

CHRYSANTHEMUM

STOCK PLANTS.

WM. DUCKHAM, pink, \$10.00 per 100.

CHICAGO CARNATION CO., JOLIET, ILL.

Chrysanthemum Novelties

Merstham Yellow, White Coombes, Emily Mileham, Valerie Greenham, Mrs. H. A. Allen and all other novelties 50c each; \$5.00 per doz.

Mrs. W. Duckham, the cup winner, 75c each; \$7.50 per dozen. Send for list.

CHARLES H. TOTTY, Madison, N. J.

It is good business policy
.....to mention the

American Florist

When you write to an advertiser.

Toronto.

Trade the past week has picked up somewhat though hardly what is to be expected at this season and not enough to use the large supply of blooms coming in. First class roses is the only line which is at all short and the scarcity of these is not missed as there are plenty of all other grades to fill orders. Carnations are over plentiful and quantities are selling at as low as 15 cents per dozen retail, though this is only in the smaller stores. Bulbous stock is becoming more plentiful.

The annual Canadian carnation exhibition will be held on February 16 at St. Joseph's hall. Many exhibits of the introductions for 1905 have been promised the secretary. The exhibition has been decidedly successful in the past.

The January meeting of the Gardeners' and Florists' Club will be a social one and members and ladies are invited to turn out in full force. A splendid musical programme has been arranged and refreshments will be served.

J. H. Dunlop has returned from Detroit where he was on a visit with Masonic brothers. While there he had the pleasure of calling on J. Breitmeyer's Sons.

Frank Duffort is now jubilant, the five members of his family who were ill with diphtheria, being on the road to recovery.

Ed Sinclair has returned from his home in Brampton, where he was confined during the holidays with throat trouble.

Grobba & Wandrey are cutting Narcissus Golden Spar which is very good and early for the variety.

Harrisii lilies from J. H. Dunlop's are in demand, as are also some General MacArthur roses.

James White, of Montreal, was a visitor.

H. G. D.

Bangor, Me.

At the old Beers conservatories, purchased last summer by Shaw & Steward, a large number of changes have been made, much to the improvement and betterment of the houses. Messrs. Shaw and Steward were for a number of years connected with the horticultural department at the University of Maine. They have several large houses of carnations, about 25,000 pansy plants and thousands of bedding plants for the spring trade. A. M. Shaw, the senior member of the firm, has served in the agricultural department at the University of Maine for the past twenty-two years, the last seven being devoted entirely to horticulture. S. J. Steward, the junior member of the firm, has been an instructor in mechanical engineering at the University of Maine since 1897. After Easter still further improvements in the houses are contemplated by the new owners.

SALTILLO, MEX.—The plaza and alameda are one mass of blooming violets despite the extreme cold weather of the past two weeks. The flowers continue to fill the air with fragrance to the delight of the many strangers continually passing through the city. All other shrubs and bushes have lost their foliage owing to the cold.

The Brockton Dahlia Farm

Was frozen up last year, but is thawed out this year, and is ready for business, with the finest collection of Dahlias in the United States. Send for price list.

W. P. LOTHROP, EAST BRIDGEWATER, MASS.

500,000 VERBENAS

THE CHOICEST VARIETIES IN CULTIVATION.

Fine pot plants, \$2.50 per 100; \$20 per 1000. Rooted Cuttings, 60c per 100; \$5 per 1000; \$45 per 10,000.

NO RUST OR MILDEW.

PACKED LIGHT, AND SATISFACTION GUARANTEED. SEND FOR CIRCULAR.

We are the Largest Growers of Verbenas in the country. Our plants cannot be surpassed.

J. L. DILLON,

BLOOMSBURG, PA.

Bedding Plants.

CASH WITH ORDER.

| | Per 100 | Per 1000 |
|------------------------------------------------------------------------------------|----------------|----------------|
| 50,000 Allernantheras, red, yellow, \$ 5 | 2 1/4-in. R.C. | Exp. Mail |
| Alyssum, double sweet..... | 2.00 | \$15.00 \$.65 |
| Boston Ferns, 5-inch, 25c each.. | 3.00 | 1.00 |
| Feverfew, Little Gem.....\$15 | 2.00 | 1.25 |
| Fuchsia 6 named varieties..... | 2.50 | 1.50 |
| 25,000 Geraniums, Nutt and 20 other varieties..... | 2.50 | 1.50 |
| 15,000 Geraniums, Mme. Sallerol | 2.00 | 1.00 |
| Petunias, double fringed, white | 2.50 | 1.50 |
| Pansies, Florists' International, in bud and bloom, for southern shipment.....\$15 | 2.00 | 2.00 |
| Salvia, 4 named varieties..... | 2.00 | 1.00 |
| Forget-me-nots..... | 2.00 | 1.00 |

LUDVIC MOSBAEK, Onarga, Ill.

Please mention the American Florist when writing.

Pansy Plants

| | |
|---------------------------------------------------------|---------|
| Large flowering, 60c per 100; \$2.50 per 1000. | Per 100 |
| 300 Pelargoniums, mixed, 2-in. pots..... | \$2.50 |
| Asp. Plumosus Nanus, small plants to close | 1.75 |
| 10 Vars. Geraniums, 2 1/2 pots and 2-in. pots | 2.50 |
| Asp. Plumosus Nanus Seed, February \$5.00 per 1000..... | .75 |
| Alternantheras, red and yellow, March 1..... | 2.00 |
| 10 Vars. Coleus, 2-in. pots, March 1..... | 2.00 |

—CASH—

JOS. H. CUNNINGHAM, Delaware, O.

Please mention the American Florist when writing.

VIOLETS.

Write for lowest price on Violets. We took 1st premium at the "World's Fair," Chicago and Joliet Flower Shows. We can give the right price as we are growers.

ELI CROSS, Grand Rapids, Mich.

Please mention the American Florist when writing.

Peacock's ..Dahlias

For plants or bulbs address

L. K. PEACOCK, Dahlia Specialist, ATCO, N. J.

CYCLAMEN

SPLENDENS GIGANTEUM HYBRIDS, in bud and bloom, from 5-inch pots, \$2.50 per doz.; \$20.00 per 100. PRIMULA CHINENSIS and OBCONICA GRANDIFLORA, in bud and bloom from 4-inch pots, \$7.00 per 100.

PAUL MADER, East Stroudsburg, Pa.

WANTED.

SALLEROI GERANIUMS. 1,000 rooted cuttings or 100 sound stock plants. Name price wanted.

Baur Floral Co., Erie, Pa.

WANTED.

A few hundred plants of each size, 1, 2 and 3-year-old

CLEMATIS PANICULATA.

V. H. HALLOCK & SON, Queens, N. Y.



Verbena King

VERBENAS—Rooted cuttings, 60c per 100; \$5.00 per 1000.

SALVIAS—Bonfire and St. Louis, the two best of them all, \$1.00 per 100; \$8.00 per 1000.

ALTERNANTHERAS—70,000 red and yellow, Sept. struck, equal to 2-in.; these are fine; 600 per 100; \$5.00 per 1000.

HELIOTROPES—The best named varieties, \$1.00 per 100; \$8.00 per 1000.

COLEUS—Thirty named leading varieties, 70c per 100; \$6.00 per 1000.

PETUNIAS—King's Double White, the great bloomer, fine for cut flower work, \$1.25 per 100; \$10.00 per 1000.

CUPHEA—(Cigar Plant), \$1.25 per 100; \$10.00 per 1000.

SWEET ALYSSUM—Our big double giant, \$1.00 per 100; \$8.00 per 1000.

We prepay express charges on all rooted cuttings, and guarantee satisfaction and safe arrival. Write for prices on large lots; also send for list of rooted cuttings.

C. HUMFELD, Clay Center, Kan. The Rooted Cutting Specialist.

Please mention the American Florist when writing.

SPECIAL OFFER

Of Florists' Orchids.

We Want More Room for Large Importations.

Cypripedium Insigne, 5,000 established unflowered growths, \$8.00 per 100; \$75.00 per 1000.

Cypripedium Callosum, 1,000 established unflowered growths, \$30.00 per 100.

Cypripedium Lawrenceanum, 1,500 established unflowered growths, \$25.00 per 100.

Dendrobium Formosum, Giganteum, The florists' white orchid, established plants, 8 to 10 bulbs, \$9.00 per 12; \$70.00 per 100.

Vanda Coerulea, The florists' blue orchid. A rare opportunity. Established plants, 10 to 12 leaves, \$15.00 per 12; 12 to 15 leaves, \$22.00 per 12.

All clean, healthy plants. For other quotations, see our catalogue, to be had from

Julius Roehrs' Exotic Nurseries, Rutherford, N. J.

Please mention the American Florist when writing.

Orchids!

CATTLEYA MENDELII, just arrived in fine condition a shipment of this scarce and beautiful Orchid. Also Lælia Anceps and Oncidium Tigrinum, etc. Write for special list No. 14.

Lager & Hurrell, SUMMIT, N. J. Orchid Growers and Importers.

GARDENIA PLANTS.

(GRANOIFLORA CAPE JESSAMINE.)

Our leading specialty. Natural growing conditions here ideal; size tells its own story. We do not think they can be equaled elsewhere. 1-year, 18 to 24-in., \$1.50 per doz.; \$10.00 per 100. Dormant now and until February 25th.

C. W. BENSON, Alvin, Tex

PANSY PLANTS THE JENNINGS STRAIN

Fine plants, fancy colors, large flowering. Large plants in bud and bloom, \$1.00 per 100. Medium size for cold frames, \$3.50 per 1000; 500 for \$2.00. By mail, 75c per 100. Seed, \$1.00 per pkt.; \$5.00 per oz. Cash with order.

E. B. JENNINGS, Lock Box 254, Southport, Conn. GROWER OF THE FINEST PANSIES.

THE INCREASING ARMY OF AMERICAN CARNATIONISTS

WILL HAVE A GRAND FEAST OF

Carnation Literature

IN OUR

SPECIAL

CARNATION NUMBER

TO BE
ISSUED

January 28.

Worth Thinking About.

AM. FLORIST COMPANY:—Practically all the replies I get from western trade advertising refer to the AMERICAN FLORIST.

JOHN B. DEAMUD.

AM. FLORIST COMPANY:—The best customers I have obtained through trade paper advertising have come to me through the columns of the AMERICAN FLORIST.

ALBERT M. HERR.

PROFUSE ILLUSTRATIONS AND FULL
CONVENTION REPORT.

NO FLORIST CAN AFFORD TO MISS IT.

Front Cover Beautiful Carnation Design.

Splendid Advertising Medium for
Spring Business in All Lines.

—NO BOGUS INQUIRIES.—

Advertisements in regular pages will be taken at our ordinary rates, namely, \$1.00 per inch \$30.00 per page of thirty inches, with the usual discounts on time contracts. Advertisements on second, third and fourth SPECIAL COVER PAGES (printed on heavy toned paper) \$35.00 per page, net.

PLEASE MAIL YOUR ADVERTISEMENT NOW.

"A Florists' Paper

From Cover to Cover."

American Florist Company,

324 Dearborn St., CHICAGO.

Newport, R. I.
THE MARKET.

There has been little trade the past week. We expect it to be so, as those families who live all the year in the Bellevue avenue section go south or on other trips during the balance of the winter season, which means dullness until the advent of another summer. In the Thames street section all this is changed, for it is there that the regular winter business is done. Much low priced stock is here sold, especially in carnations and roses. The working people who buy very largely will not pay more than 50 cents a dozen for carnations no matter how good the quality. In funeral orders there has been a good business lately and this work always is done at good prices.

NOTES.

Mr. and Mrs. V. A. Vanicek have sailed from New York on steamer Statendam of the Holland-American line for Boulogne. Mr. Vanicek goes as usual to purchase nursery stock in France, Holland and Germany. Mr. and Mrs. Vanicek will also spend some time with the former's parents and relatives in Prague and Vienna.

A double-ivy-leaved geranium attracted our attention the other day at Mrs. Ogden Goelt's place. It is Souv. de Charles Turner. The color is superb, a deep rose-pink, feathered maroon on the upper petals. Mr. Sullivan, the head gardener, is the president of the Newport Horticultural Society.

J. M. Hodgson, incorporated, did the decorations for Mrs. Astor's ball Monday evening in New York. The wide enclosed entrance was lined with box trees and various evergreens, and the huge foyer was banked with Harrisii lilies and poinsettias.

Andrew J. Pow's cinerarias are just coming into full bloom; they are a fine lot and well worth seeing. Mr. Pow is the head gardener for Mrs. Cornelius Vanderbilt at the Breakers.

Arthur Griffin, head gardener to Commodore E. T. Gerry, is actively engaged in finding fine specimens of evergreen trees and removing them to Sea Verge where many are needed.

Arthur Zirkman, made his second trip here for M. Rice & Company, of Philadelphia, a few days ago. X.

PALESTINE, TEX.—The Texas State Horticultural Society will meet in this city Wednesday, January 25, and a large number of the progressive planters and growers are expected to attend. J. F. Nash is chairman of the committee of arrangements.

Asparagus Plumosus.

Fine plants, ready for 3-inch pots,
\$2.50 per 100.

THE NUNNALLY COMPANY,
ATLANTA, GA.

Asparagus Plumosus Nanus

Fine plants, 3-in., \$3.00 per 100; 4-in., \$7.00 per 100.
CARNATIONS, unrooted cuttings. Enchantress, \$1.50 per 100; Lawson, 75c per 100; Crane, America and F. Hill, 50c per 100.

SAMUEL WHITTON, 15-17 Gray Ave., Utica, N. Y.

Always mention the American Florist when you order stock.

BOSTON FERNS.

Extra fine stock, cut from bench now ready for 5, 6, 7 and 8-inch pots. at \$25.00, \$50.00, \$75.00 and \$100.00 per 100. **KENTIAS, RUBBERS, ASPARAGUS PLUMOSUS NANUS.** Cash or reference please.

L. H. FOSTER, 45 King St.,
DORCHESTER, MASS.

ASPARAGUS Sprengeri,

Extra strong, 2½-inch pots, @ \$2.00 per 100.

50,000 Cannas

in 20 best varieties. Get my prices before ordering elsewhere.

W. W. COLES, Kokomo, Ind.

Nephrolepis Scottii.

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston Fern in a given time. Prices, 6-inch pot-grown, ready for 8-inch, \$15.00 per doz.; 7-inch, pot-grown, \$24.00 per doz.; 8-inch, pot-grown, \$36.00 per doz.

John Scott, Keap St. Greenhouses,
BROOKLYN, N. Y.

Adiantum Hybridum

\$5.00 per 100. Strong 2½-inch pots.
The best of Maidenhair Ferns. Over 100 testimonials from leading growers.

A. LEY & BRO., N. Langdon, D. C.

JOSEPH HEACOCK,

WYNCOTE, PA.

—CROWER OF—

Kentia Belmoreana
and **Kentia Forsteriana**

Asparagus Plumosus,

50 CENTS PER STRING.

Carnation Blooms and Rooted Cuttings.
Good stock.

W. H. WATSON, Lapeer, Mich.

PALMS, FERNS

AND

Decorative Plants.

R. DREYER, Woodside, L. I., N. Y.

BOSTON FERNS.

4-in., \$15.00; 5-in., \$25.00; 6-in., \$40.00 per 100.
7-in., 60c; 8 in., 75c each.

Strong rooted runners of BOSTON,
\$2.00 per 100.

DAVIS BROS., MORRISON, ILL., and
GENEVA, ILL.

JOHN BURTON, Assignee for

ROBERT CRAIG & SON,
ROSES, PALMS,

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

CUTS for your Catalogue

Of all kinds in the Horticultural line,
suitable for any purpose.
Send for sample sheets and estimates.

Sunset Horticultural Designing and Engraving Co.

627 W. 6th St., LOS ANGELES, CAL.

Asp. Plumosus Nanus

Extra heavy, 2-in., 2c; \$18.00 per 1000; 3-in. 4c.
ASP. SPRENGERI, 2-inch, \$1.75 per 100.
HARDY PINKS, large field-grown, 5 sorts, 5c.
UMBRELLA PLANTS, 2-in. fine, 2½c.
PARIS DAISY, Giant 2-inch, 2½c.
ABUTILONS, 4 varieties, 2½-inch, 3c.

Rooted Cuttings, prepaid: **Heliotrope**, \$1 per 100.
Ageratum, Gurney, Pauline, 50c per 100. **Salvia**, Splendens, Bonfire, 90c per 100. **Fuchsia**, 5 best varieties, \$1.25 per 100. **Hardy Pink**, 7 varieties, some everblooming, 75c per 100; \$7.00 per 1000. **Del. Potunias**, 10 finest, \$1.00 per 100. **Rex Begonias**, 15 sorts, \$1.10 per 100. **Alternanthera**, 2 reds, yellow, \$5.00 per 1000. **Vinca Variegata**, 60c per 100. **Tradescantia**, 2 kinds, 75c per 100. **Everblooming Forget-me-not**, \$1.00 per 100. **Artillery Plant**, 75c per 100.

—CASH—

BYER BROS., Chambersburg, Pa.

Palms and Asparagus Cheap.

| | Per 100 |
|-----------------------------------------------------|---------|
| Latania Bor. , 2-in. pot, seed leaves.. | 3.00 |
| " " 3-in. pot, 15-18 in., 2-3 chr. lvs. | 12.00 |
| " " 5-in. pot, 18-20 in., 8-4 chr. lvs. | 15.00 |
| " " 5-in. pot, 20-24 in., 4 chr. lvs. | 20.00 |
| Kentia Bel. , 2½-in. pot, 6-8 in., 2 leaves. | 10.00 |
| " " 3-in. pot, 8-10 in., 3-4 leaves.. | 12.50 |
| " " 4-in. pot, 12-15 in., 4-5 leaves.. | 16.00 |
| Asparagus Sprengeri , 2-inch..... | \$2.00 |
| Asparagus Plumosus Nanus , 2-inch..... | 2.60 |
| " " 3-inch..... | 5.00 |

SHERMAN NURSERY CO.,
CHARLES CITY, IA.

ASP. SPRENGERI

| | Per 100 | Per 1000 |
|-------------------|---------|----------|
| 3-inch pots..... | \$3.00 | \$25.00 |
| 4½-inch pots..... | 4.00 | 30.00 |
| 5-inch pots..... | 5.00 | 40.00 |

BOSTON FERNS.

| | Per 100 |
|------------------------|---------|
| 3-inch pots..... | \$ 4.00 |
| 4½-inch pots..... | 6.00 |
| 5-inch pots..... | 10.00 |
| 6 and 7-inch pots..... | 15.00 |

All Wrapped and Packed Securely Against Frost.
Cash with Order.

F. WALKER & CO.,
Box 316, NEW ALBANY, IND.

FERNS.

Boston and Pierstoni.

We can give exceptional value. Well established, thrifty plants, from 2½-inch pots, \$3.00 per 100.

The same varieties, now developing a new set of leaves, from 3¼-inch pots, \$5.00 per 100.

NATHAN SMITH & SON, MICH.

Please mention the American Florist when writing.

Geo. Wittbold Co.,
1667 Buckingham Pl., CHICAGO, ILL.

Send for Price List on

Palms and Ferns
Please mention the American Florist when writing.

FERNS for FERNERIES

All the popular sorts. Fine bushy plants,
3-inch pots, \$6.00 per 100.

Chas. A. Knapp,
CHESTNUT HILL, PA.

"There is only One."

The Fumigating Kind Tobacco Powder

WHAT A FEW SAY, ALL THAT USE IT SAY.

Mamronneck, N. Y.
I tried the 5-lb. trial package of The Fumigating Kind Tobacco Powder in 2 of my houses one night and the following night gave a 60-foot house a thorough smoking. Result I would like you to send me 100 lbs. of the Fumigating Kind.
W. H. DANIELS.

Kansas City, Mo.
I have used The Fumigating Kind Tobacco Powder now for two years and I find it the best and cheapest article on the market to kill Thrip and Green Fly I would not be without.
A. F. BARBE.

Kansas City.
We consider The Fumigating Kind Tobacco Powder good; it is cheap and effective. We have with 25c worth of your Fumigating Kind Tobacco Powder smoked as much space and done the work as well as some other kinds of Fumigating that cost us \$2.50 for same space and the Black Stuff Fine for sprinkling is all right too, gets them every time. Send us another 1000 lbs. of The Fumigating Kind Tobacco Powder.
ROBT. S. BROWN & SON.

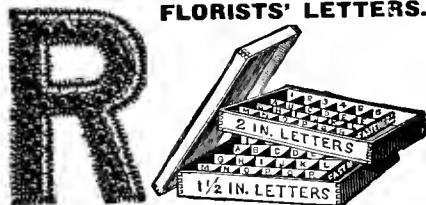
Tamaqua, Pa.
Until three years ago I was always hunting for something better to kill the greenfly, without injury to bloom and foliage. Then I started to use The Fumigating Kind Tobacco Powder. I have used it ever since; it is good enough for me.
NELS NELSEN.

A FREE trial five pound bag will cost you nothing more than the express charges on it, the trial bag will prove our assertion that it is the most effective, cleanest and quickest as well as the cheapest (10 cents per 100-foot house) article to fumigate with. All aphids killed in one night—our booklet tells of it, we mail one on request.

THE H. A. STOOHOFF COMPANY, Tobacco Powder Hobbyists, 116, 117, 118 West St., New York.

Boston Florist Letter Co.

MANUFACTURERS OF
FLORISTS' LETTERS.



This wooden box nicely stained and varnished, 18x30x12 made in two sections, one for each size letter, given away with first order of 500 letters.

Block Letters, 1½ or 2-inch size, per 100, \$2.00.
Script Letters, \$4. Fastener with each letter or word.

Used by leading florists everywhere and for sale by all wholesale florists and supply dealers.

N. F. McCARTHY, Treas. and Manager,
84 Hawley St., BOSTON, MASS.

CUT FLOWER BOXES WATERPROOF Corner Lock Style.

The best, strongest and neatest folding out flower box ever made. Cheap, durable. To try them once is to use them always. Per 100 Per 1000

| Size No. | 0 | 3x 4x20 | ..... | \$2.00 | \$19.00 |
|----------|-----|----------|-------|--------|---------|
| " | 1. | 3x 4½x16 | ..... | 1.90 | 17.50 |
| " | 2. | 3x 6x18 | ..... | 2.00 | 19.00 |
| " | 3. | 4x 8x18 | ..... | 2.50 | 23.00 |
| " | 4. | 3x 5x24 | ..... | 2.75 | 26.00 |
| " | 5. | 4x 8x28 | ..... | 3.00 | 28.50 |
| " | 6. | 4x 8x28 | ..... | 3.75 | 36.00 |
| " | 7. | 6x16x20 | ..... | 5.50 | 54.00 |
| " | 8. | 3x 7x21 | ..... | 3.00 | 28.50 |
| " | 9. | 5x10x35 | ..... | 6.50 | 62.00 |
| " | 10. | 7x20x20 | ..... | 9.50 | 67.50 |
| " | 11. | 3½x5x30 | ..... | 3.00 | 28.50 |

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

THE LIVINGSTON SEED COMPANY,
BOX 104, COLUMBUS, OHIO.

H. Bayersdorfer & Co.

50 to 56 North Fourth St.,

PHILADELPHIA.

L. BAUMANN & CO.,

Importers and Manufacturers of
Florist Supplies

76-78 Wabash Ave., CHICAGO.

Write for our New Catalogue F. Our prices may interest you.

ROSSIG BROTHERS,

—MANUFACTURERS OF—

Artificial Leaves.

ALL STYLES IN HUNDREDS OF DIFFERENT DESIGNS. PAPER AND MUSLIN. SMILAX, YARDS AND PIQUETS. Samples Furnished to the Jobbing Trade Only.

497 West Broadway, NEW YORK.

M. RICE & CO.,

Importers and Manufacturers,

Leading Florists'
Supply House and
Ribbon Specialists.

918 Filbert Street,
Philadelphia, Pa.

Tobacco Dust FOR FUMIGATING.

It would pay large users of dust to communicate with us and get samples and prices.

Edwin L. Koppelman & Co., 81 PINE STREET, NEW YORK.

Wired Toothpicks

10,000, \$1.50; 50,000, \$6.25. Manufactured by
W. J. COWEE, BERLIN, N. Y.
Sample Free. For sale by dealers.

Please mention the American Florist when writing.

KORAL LETTERS

For Sale by all Wholesale Houses.

Koral Mfg. Co.,

12 Hawley Place, Boston, Mass.

REED & KELLER,

122 West 25th St., NEW YORK.
Importers and Manufacturers of

FLORISTS' SUPPLIES

Galax Leaves and all Decorative Greens.
New York Agents for Caldwell's Monroe, Ala.,
"Parlor Brand" Smilax.

A. HERMANN,

Cape Flowers, all colors,
Cycas Leaves, Metal Designs,
and All Florists' Supplies.

SEND FOR PRICES.

404-412 East 34th Street, NEW YORK.

MEALY BUG

"Nicotinic acid is the only thing I have ever found would kill Mealy Bug in Green-houses."

L. L. Cory, Fresno, Cal., Oct. 23, 1902.

TOBACCO WAREHOUSING & TRADING CO.
LOUISVILLE, KENTUCKY.

BEST
AND
Cheapest
ALL-ROUND
INSECTICIDE
see the Market.



For Sale by
Seedsmen.
For Free
Pamphlet
Write to
The Kentucky
Tobacco
Product Co.,
Louisville, Ky.

Cincinnati.

January to date has been one of the duller winter months ever experienced. There has been a glut of carnations since New Year's. On McKinley day the growers expect to clean up stock at pretty good figures and we sincerely hope that their expectations will be realized. Roses are not moving very fast but there are not very many coming to the market, accounting for the good prices obtained for good stock. Bulbous stock has to be sold at low figures. Violets also have taken a decided tumble and \$1 per 100 is the best price, although 75 cents buys 100 very good blooms. Green goods, especially asparagus sprays, move better than anything else.

Owing to the extreme cold weather the Cincinnati Florists' Society did not hold a meeting last Saturday night. On the second Saturday in February a rose show will be held.

Peter Weiland has moved his fixtures to the first floor at 126 E. Third street, where William Gardner, the man in charge, has fitted up a very nice sales-room.

A. C. Heckman, Jr., leaves this week for St. Augustine, Fla., where he takes charge of the flower stand in the Ponce de Leon hotel.

William Murphy says he has a good demand for rooted carnation cuttings, especially Enchantress and Cardinal.

Thomas Windram has returned from Florida, where he spent two weeks looking after his interests.

Robert Betz has been very busy with out-of-town wire work orders.

Sam Morehead has opened a store on upper Main street.

A. O.

Albany, N. Y.

The annual dinner of the chamber of commerce was held in the Ten Eyck hotel on the evening of January 12. The decorations by Eyres included three large center pieces of ferns planted in plateaus with long stemmed American Beauty roses inserted among them. Festoons of smilax entwined with colored incandescent lights were used to decorate the front of the main table. The guests sat at small tables which were decorated with flowering plants and smilax.

R. D.

Rahway, N. J.

Wm. Saling is putting in new Lord & Burnham steam boilers. The old boilers are from the same company and have been in use nearly eighteen years, and are still serviceable. Carnations are grown exclusively, principally Enchantress and Lawson, which are making a fine showing at the present time.

RED STANDARD POTS. Price per 1000 f. o. b. Harrison: 2-in., \$2.25; 2½-in., \$2.70; 3-in., \$3.25; 3½-in., \$4.25; 4-in., \$5.50; 4½-in., \$6.80; 5-in., \$8.10; 6-in., \$18.00. Cash must accompany order.

HARRISON POTTERY, Harrison, Ohio.

SIGMUND GELLER,
FLORISTS' SUPPLIES and RIBBONS.

108 West 28th Street, New York.
NOVELTIES always on hand.

National Florists' Board of Trade,

Office: 55 Pine Street, New York.

Credit Reference Book. A subscription to our Credit List will cost you \$10 a year, and it may save you \$100 the first month. Special Reports. We make a specialty of this part of our work. Collections. We collect slow and doubtful accounts. Why not go through your books at once and send us all the claims that are in arrears?

Standard Flower Pots

The WHILLDIN POTTERY COMPANY,
PHILADELPHIA, PA. JERSEY CITY, N. J. LONG ISLAND CITY, N. Y.
Traveling Representative, U. CUTLER RYERSON, 108 Third Ave., Newark, N. J.

THE KELLER POTTERY COMPANY,

Manufacturers of FLORISTS' RED STANDARD POTS.

Azalea Pots, Bulb and Fern Pans, Etc.

Write for Price List. 213-15-17-19-21-23 Pearl St., NORRISTOWN, PA.



Please mention the American Florist when writing.



RED POTS

SAMPLE POT AND PRICE LIST
ON APPLICATION.

C. C. POLLWORTH CO., MILWAUKEE, WIS.

Standard Flower... POTS

If your greenhouses are within 500 miles of the Capital, write us, we can save you money.....

W. H. ERNEST,
28th and M Streets. WASHINGTON, D. C.

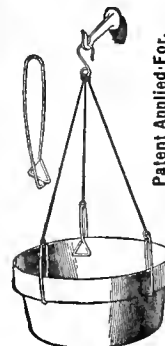
Red Standard Flower Pots

Price list and samples on application.

Paducah Pottery,
J. A. BAUER, Proprietor.

PADUCAH, KENTUCKY.

Kramer's Pot Hanger



The neatest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They fit all standard made pots from 2 to 10 inches in diameter. The illustration shows how they are attached. Just the thing for hanging up ferns, begonias, etc. You can make room and money by their use. Try them.

FOR SALE BY WHOLESALE SEEDSMEN, FLORISTS AND SUPPLY DEALERS.

Price with wire chain as shown in cut, \$1.00 per dozen by express. Sample dozen by mail, \$1.25.

I. N. Kramer & Son, Cedar Rapids, Iowa.

Please mention the American Florist when writing.

STANDARD FLOWER POTS!

| Packed in small crates, easy to handle. | | | |
|-----------------------------------------|--|-----------------------------|--|
| Price per crate | | Price per crate | |
| 1500 2-in., in crate, \$4.88 | | 120 7-in., in crate, \$4.20 | |
| 1500 2½ " " 5.25 | | 60 8 " " 3.00 | |
| 1500 2¾ " " 6.00 | | HAND MADE. | |
| 1000 3 " " 5.00 | | 48 9-in., in crate, \$3.60 | |
| 800 3½ " " 5.80 | | 24 10 " " 4.80 | |
| 500 4 " " 4.50 | | 24 11 " " 4.80 | |
| 320 5 " " 4.51 | | 12 14 " " 4.80 | |
| 144 6 " " 3.16 | | 6 16 " " 4.50 | |

Seed pans, same price as pots. Send for price list of Cylinders for Cut Flowers, Hanging Baskets, Lawn Vases, etc. Ten per cent off for cash with order. Address: **HILFINGER BROS. POTTERY,** Fort Edward, N. Y. Or **AUGUST ROLKER & SONS,** New York Agents, 31 Barclay Street, New York City.



GEO. KELLER & SON,

MANUFACTURERS OF
FLOWER POTS.

Before buying write for prices.

361-363 Herndon Street,
near Wrightwood Ave.,

CHICAGO, ILL.

THOSE RED POTS

"STANDARDS"

FULL SIZE AND WIDE BOTTOMS.
BULB PANS AND AZALEA POTS.

DETROIT FLOWER POT M'FY.,

HARRY BALSLEY, DETROIT, MICH.,
Rep. 490 Howard St.,

Please mention the American Florist when writing.

WRITE

A. F. Kohr

1521-23 N. Leavitt St., CHICAGO, ILL.,

FOR PRICES OF

Standard Pots which for strength and porosity combined are the best on the market.

Please mention the American Florist when writing.

HEATING SUPPLIES

Overhauled Boilers.

The following horizontal tubular boilers will be shipped complete with all fittings and trimmings, and are first-class for heating purposes.

| | |
|-----------------------------------------------------------|----------|
| 3-30x8, each..... | \$ 70.00 |
| 3-36x10, each..... | 90.00 |
| 4-36x12, each..... | 100.00 |
| 2-42x12, each..... | 125.00 |
| 2-42x14, each..... | 145.00 |
| 1-42x10 Fire-box Heating Boiler.... | 150.00 |
| 1-42x12 Fire-box Heating Boiler.... | 165.00 |
| 1-42x14 Fire-box Heating Boiler.... | 175.00 |
| 1-48x12 Fire-box Heating Boiler.... | 185.00 |
| 1-Cast-Iron "Florida" Heating Boiler, capacity 1000 feet. | |

Also high pressure boilers of every kind, and a large lot of cylinder boilers of all sizes.

Boiler Tubes.

Large quantity of boiler tubes, ranging in sizes from 2 to 6-inch. Ask for price.

Wrought Iron Pipe.

All sizes from 3/4 to 14-inch, overhauled and complete with threads and couplings.

Greenhouse fittings and supplies of every sort.

WE ISSUE A SPECIAL CATALOGUE. ASK FOR CATALOGUE NO. 27.

Chicago House Wrecking Co.

W. 35th & Iron Sts., CHICAGO, ILL.

Please mention the American Florist when writing.

FOUND!

A place where new and old material for the complete erection or repairing of

GREENHOUSES

can be procured in

Exchange for Cash

Economical florists get our prices on Glass, Boilers, Ventilating Apparatus, Fittings, Pipe, White Lead, Paint, Putty, Hot Bed Sash, Etc.

OLD GREENHOUSES BOUGHT.

METROPOLITAN MATERIAL CO.

1398-1408 Metropolitan Avenue, BROOKLYN, N. Y.

References: Dunn Bradstreet, and Broadway Bank of Brooklyn.

CYPRESS
IS FAR MORE DURABLE THAN PINE.

CYPRESS
SASH BARS
UP TO 32 FEET OR LONGER.

GREENHOUSE
AND OTHER BUILDING MATERIAL,
MEN FURNISHED TO SUPERINTEND
ERECTION WHEN DESIRED.

Send for our Circulars.
THE A.T. Stearns Lumber Co.,
NEPONSET, BOSTON, MASS.

It is good business policy to mention

**The....
AMERICAN FLORIST**

When you write to an advertiser.

The James H. Rice Co.

—IMPORTERS and JOBBERS—

GREENHOUSE GLASS

A SPECIALTY.

Window Glass, Paint, Putty, etc.

80-82 Wabash Avenue and 34 to 40 South Water Street, CHICAGO.

GULF CYPRESS GREENHOUSE MATERIAL

HOT-BED SASH, BOILERS, PIPES, FITTINGS,
VENTILATING APPARATUS.

GLASS AT WHOLESALE.

We furnish everything for building. Send for prices and catalogues.

S. Jacobs & Sons, 1365-1373 Flushing Ave.
BROOKLYN, N. Y.

D. O. Cunningham Glass Co.

PITTSBURG, PA.

TANK WINDOW GLASS.

Hot-House Glass a Specialty.

H. M. HOOKER CO.

Window Glass, Paints and Putty.
Greenhouse Glass a Specialty.

59 W. Randolph St., CHICAGO.

STENZEL GLASS CO., GREENHOUSE GLASS.

French and American "WHITE ROSE"
Brand.

2 Hudson St.,
NEW YORK.

101 Portland St.,
BOSTON.

The King Construction Co.

New Roof Construction, Automatic
Stokers, Water Tube Steam Boiler,
Automatic and Hand Ventilators.....

NORTH TONAWANDA, N. Y.

32 Church St., TORONTO, ONT.



EVANS' IMPROVED CHALLENGE VENTILATING APPARATUS

WRITE FOR ILLUSTRATED CATALOGUE
QUAKER CITY MACHINE WORKS,
RICHMOND, IND.

GLASS.

GOOD BRANDS.
QUICK SHIPMENTS.
LARGE STOCK.

Warehouse on railroad switch. Be sure
and get our prices.

Sharp, Partridge & Co.

22nd St. and Union Place, CHICAGO.

Please mention the American Florist when writing.

ADAM SCHILLO LUMBER CO.

— DEALER IN ALL KINDS OF —

Hemlock and Pine Lumber

and "PECKY CYPRESS" our new introduction
to the trade

For Greenhouses.

ALSO CEDAR POSTS OF ALL LENGTHS and DIMENSIONS
Having had an extensive experience in the line
of Lumber and Posts needed for Greenhouse work,
I am prepared to meet all inquiries. Send for prices.

Cor. Weed & Hawthorne Ave., CHICAGO, ILL.

Tel. North 1626 and 1627.

References given from the leading Florist
of Cook County.

Established 1899. Tel. 174 Bergen.

Phillips Manufacturing Co.

222-226 Kearney Ave., Jersey City, N. J.

Horticultural Architects, Builders
and Heating Engineers.

Designers and Manufacturers of
every description of Glass Houses
for private or commercial uses. Most
modern and up-to-date.

If you write or telephone us, we do
the rest.

—RUSTIC WORK A SPECIALTY.—

Sprague Smith Co.

PLATE AND WINDOW GLASS

Greenhouse Glass a Specialty.

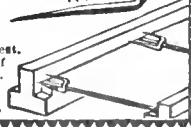
208 Randolph Street, CHICAGO.

Holds Glass
Firmly

See the Point **PEERLESS**

Glazing Points are the best.
No rights or lefts. Box of
1,000 points 75 cts. postpaid.
HENRY A. DREER,
714 Chestnut St., Phila., Pa.

FULL SIZE
No. 2



The Allied Trades

Descriptive particulars—with drawings or photographs, if possible—of any new apparatus or device which may prove helpful to the trade are solicited for this department.

PETER REINBERG, of Chicago, used 200 cars of Pocahontas coal last year, averaging forty tons to the car.

New York Glass Situation.

As a result of buyers being busily engaged in stock taking the usual quiet at this time of the year is evident, and only small spot parcels have been sold at steady prices. Manufacturers, it is claimed, are very firm and report having booked sizable orders ahead. The only news of interest was to the effect that the American Window Glass Company has advanced prices and made an official announcement of a revision of prices on the first three brackets, single quoting discounts ninety and fifteen per cent and ninety and five per cent on all double and above third bracket glass, says the Oil, Paint and Drug Reporter, of New York. It is intimated by jobbers here that a like advance in minimum prices will be made at a meeting to be held soon by the Manufacturers' and Jobbers' Window Glass Association. Some jobbers have instructed manufacturers to cease making shipments for the present.

Paint and Oil Prospects.

If lower prices are to be seen on linseed oil it would seem as though we should see these lower values in January, for the reason that by the close of January the crop of flaxseed will practically be marketed, and after that, according to the current issue of Patton's Monthly, the holders of the seed would naturally be inclined, if possible, to get a profit out of their holdings. In the past thirty days the price has been firm for advancing.

The visible supply of turpentine is still very much in excess of what it was a year ago, and it becomes more apparent every day that the high price of turpentine during the past two years has stimulated production, with the result that the past crop is rather in excess of requirements and the coming crop promises to be considerably lighter than the last. The probability is, therefore, for a downward tendency in turpentine prices.

There are no price changes to report in paints. The advance in pig lead has produced a firm market for white lead with higher quotations for the dry lead, but no change as yet for white lead in oil. While an advance in white lead in oil would be warranted by the price of pig lead, competition between corrodors is such that no advance may be made.

European Horticulture.

[FROM THE BRITISH HORTICULTURAL PAPERS.]

EPHYLLUM DELICATUM.—This very pretty ephyllum, exhibited by William Bull & Sons at the meeting of the Royal Horticultural Society on November 15, is at present little known, though it was put into commerce a couple of years ago. It was imported from Brazil and first exhibited in the autumn of 1898, when a first-class certificate was awarded it under the name of *Ephyllum truncatum* Princess, but subsequently the question arose whether it was really a variety of *E. truncatum* or a species distinct therefrom. On being submitted to N. E. Brown, of Kew, that gentleman assigned it specific rank under the name of *Ephyllum delicatum*, which is now retained. From *E. truncatum* it differs in its somewhat more erect habit and strongly toothed

branches, while the flowers are rather less oblique at the mouth of the tube. In color they are white, suffused with purple, which color is deeper towards the center than at the edges, while just at the entrance to the throat there is a ring of purple-lake, the long, protruding stigma being of the same color. The tint of the flowers deepens somewhat with age, as the freshly-expanded blossoms are paler than the older ones. Like the rest of its class, the ephyllum can be readily propagated by grafting on to stocks of the pereskia. It is a matter for surprise that the many beautiful forms of ephyllum are not met with more often than they are, as the flowers appear at a welcome time. The only varieties of *E. truncatum* honored by the Royal Horticultural Society have been tricolor in 1864, violaceum in 1869, and that above named. The spring-flowering Gartneri and makoyanum are specifically distinct from these.

LILY BULBS FROM JAPAN.—Doubts have been more than once expressed concerning the supply of lily bulbs this season from Japan, but up to the present the lamentable war in which that country is engaged does not appear to have had any particular influence on the crop and its harvesting, for considerable numbers have been sent over, and no fault could be found with their general condition. On October 26 a moderate consignment was disposed of at Stevens' rooms in London. It consisted entirely of *Lilium longiorum*, and the bulbs were in good condition, while there was a brisk demand. On November 10 Frotheroe & Morris had a large quantity to dispose of, the bulbs of *L. longiorum* and its varieties alone amounting to nearly 500,000 while over 50,000 bulbs of *L. auratum* were also sold. Many of the *L. longiorum* bulbs were bought by the large wholesale dealers, and it is very probable a goodly proportion of them are destined for retarding purposes, for which this lily is so well suited. It is always the first to reach London in large quantities from Japan, as the growth is completed earlier than that of *L. auratum* or *L. speciosum*, which three species form the bulk of the Japanese lilies that come to England. The bulbs of *L. auratum* sold on November 10 were not so fine as those which may reasonably be expected later on, for they presented the appearance of having been lifted somewhat prematurely.

CLEMATIS TANGUTICA.—Among the novelties offered by Vilmorin-Andrieux & Company, of Paris, is the above species from Tangut. The flowers are very numerous and of an average size of 2½ to 3¼ inches and are borne upon stiff stalks eight to ten inches in length. These flowers are produced upon wood of the previous year, and are of a beautiful yellow color, shaded with golden yellow, and exactly recall the flower of *Tripa sylvestris*. The stems easily attain a height of several yards, and are furnished with deeply cut or pinnate leaves about eight inches long or more. The plant is both vigorous and hardy, and is, moreover, of great ornamental value. The intense color is remarkable for the genus clematis, and is, therefore, very striking in association with other climbing plants, such as wistarias, or with its own congeners which flower in spring. It is described as being a very suitable covering for walls, hovers and trellises. We already have a yellow-flowered species in *C. orientalis*, sometimes named *C. graveolens* in gardens, but the yellow is rather pale. We may say, however, that *C. Tangutica* is regarded as a variety of *C. orientalis* by the Kew authorities.

SOFT ROT OF CALLAS.—My experience is all in favor of the "light" theory now advanced. I give the corms a thorough baking in the sun during

the summer, and in place of growing and flowering them in a house facing west and rather shaded, I now give them all possible light throughout their growth, and scarcely ever see a symptom of the disease or the mite which accompanies it, unless for experiment's sake I put a few plants in more shaded quarters. I tried change of stock, but this did not alter matters, for the new became as badly affected as the old. This disease seems similar to that which causes the general failure with eucharis. Grow these latter during the summer months in a large airy house instead of in hot stoves or pits. Flower them once a year only, after some months of the above treatment, and good flowers on healthy plants will be the result, with no fear of mite. I have advocated this practice with eucharis for many years, and have never seen it fail when proper attention has been paid to the general treatment.

A SHOWY ANNUAL.—Among the many beautiful annuals which may be interspersed among the herbaceous subjects of borders patches of *Linaria reticulata aurea purpurea* are conspicuous and delightful the season through. It is a plant of neat and compact growth, its erect and wiry stems being well clothed with narrow lanceolate foliage of a glaucous green. Each stem terminates in a densely packed spike of small flowers of a most striking and beautiful combination of bright golden yellow and richest purple. By removing the leading spikes before seed develops, the plant is assisted in producing side-shoots, thereby maintaining a brave display for a lengthened period of time. A lovely white companion for the above is found in a *Linaria Maroccana* The Pearl.

CHANGING CARNATION NAMES.—A large number of the American varieties of carnations have been renamed by English growers. Here are a few of the best known. Eucharis-Fascination, Ethel Crocker-Royalty, The Marquis-Renown, G. H. Crane-Dazzler, and sometimes the paler scarlet American is offered under the same name. The newer ones are being served the same, and if plants are sold under the fictitious names, confusion will be great.

SPHAGNUM MOSS Clean and fresh shipment, direct from the swamp. 5 barrel bales, \$1.25; 3 bales, \$3.25; 5 bales, \$5.00.

H. R. AKERS, Chatsworth, N. J.



PURE SHEEP MANURE

Dried, Unpulverized and Pulverized.

—WRITE FOR PRICES.—

MONTANA FERTILIZER CO., Elgin, Ill.

Tobacco Stems

80c per 100 lbs.

In bales of 200 to 250 lbs.

Write for special prices on carload lots.

F. G. BORDEN, Milton, Wis.
Dealer in Leaf Tobacco.

NIKOTEEN APHIS PUNK

THE ORIGINAL AND GENUINE

NICOTINE FUMIGANT

WIDELY IMITATED BUT NEVER EQUALED

UNIFORM AND ALWAYS EFFECTIVE

DON'T ACCEPT INFERIOR IMITATIONS
PRICE 60¢ PER BOX OF 12 SHEETS
\$6.50 PER CASE OF TWELVE BOXES.

NICOTINE MFG. CO.
ST. LOUIS, MO.



Sun Cured CYPRESS Greenhouse Material

—ALSO—

HOT-BED SASH.

Tennessee Red Cedar Posts.
Pecky Cypress bench lumber.

FOLEY Ventilating Apparatus.
Galvanized vent sash hinges,
screw eyes, screwhooks, U
bolts, Galvanized turn-
buckles and wire.

FITTINGS for Purlin and
Ridge Supports,

Free Illustrated Catalogue.

Foley Mfg. Co.

471 W. 22nd St.,
CHICAGO.

Please mention the American Florist when writing.



ALWAYS mention the AMERICAN FLORIST
when writing to advertisers.

GREENHOUSE LUMBER

Now is the Time

TO SEND FOR OUR ESTIMATES and decide on your contemplated building work. An early order is early delivered, and early deliveries afford you much more time for painting and careful erecting. If you wait until later, there will be "others" who have waited too long, and everyone then wants their work "at once."

Our New Construction Sheet Mailed on Application.

Plans and Estimates Freely Furnished on Request.

RED CEDAR POSTS.

HOT-BED SASH.

LOCKLAND LUMBER CO.

LOCKLAND, O.

Greenhouse Material

—OF—

LOUISIANA CYPRESS and
WASH. RED CEDAR.

OUR FACILITIES INCREASED.



Hot-Bed Sash

OUR PRICES RIGHT.

OUR GRADES INVARIABLY THE
BEST.

Write for Catalogue and Estimates
when figuring on your new houses.

A. Dietsch Company,

615-621 Sheffield Avenue,
CHICAGO, ILL.

Use our Patent
IRON BENCH
FITTINGS and
Roof Supports.



Improved Vaporizing Pans

For Tobacco Extracts, Etc. Send for Circulars.

DILLER, CASKEY & CO., SUCCESSORS TO
JENNINGS BROTHERS,
S. W. Cor. Sixth and Berk Sts., PHILADELPHIA.

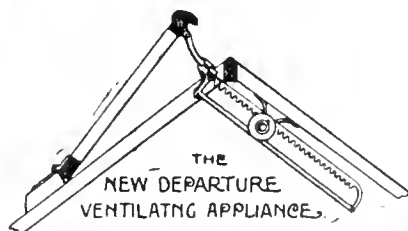
VENTILATING APPARATUS.



GARLAND'S GUTTERS
WILL KEEP SNOW AND ICE OFF
YOUR GLASS.

DES PLAINES, ILL.
SEND FOR CATALOGUE.

A sample of our Gutter is on Exhibition at the Chicago Flower Growers' Market.



THE
NEW DEPARTURE
VENTILATING APPLIANCE.

CHEAPEST AND BEST.

If you doubt it try them and be convinced.
Send for descriptive price circular.

J. D. Carmody, Evansville, Ind.

The Standard VENTILATING MACHINERY



The original machine with self-
oiling cups. The most powerful,
least complicated, very compact
with ease of operation.

The New Duplex Gutter

Over six miles in use and highly
recommended by all. The only Drip
Proof gutter on the market.

The Standard Return Steam Trap

It has no equals for simplicity or its
working. Catalogue free.

E. HIPPARD, Youngtown, Ohio,

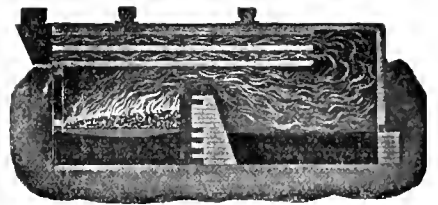
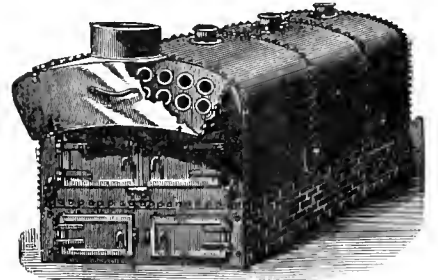
Index to Advertisers.

| | | | |
|-----------------------|-----------|-----------------------|-----------|
| Advertising rates. | 1054 | Hinode Florist Co. | 1075 |
| Aitken Mark | 1092 | Hippard E. | 1083 |
| Albany Steam Trap Co. | 1064 | Hitchings & Co. | IV |
| Allen J. K. | 1061 | Hollis Plant & Seed | |
| American Blower Co. | IV | Co. | 11 |
| Amling E. C. | 1059 | Holm & Olson | 1082 |
| Aschmann Godfrey | 075 | Holton & Hunkel | Col 058 |
| Backer & Co. | 1071 | Hooker H M Co. | 1081 |
| Bassett & Washburn | 059 | Horan Edw C. | 1061 |
| Batavia Greenh's. | 1073 | Humfeld C. | 1076 |
| Baumann L & Co. | 1079 | Hunt E H. | 1058 |
| Baur Floral Co. | 1075 | Imperial Green- | |
| B. K. & B. Floral Co. | 072 | houses | 1072 1074 |
| Bayersdorfer H & Co. | 1079 | Jacobs S & Sons | 1081 |
| Beaven E A. | 1064 | Jennings E B. | 1076 |
| Beck Carl & Co. | 1057 | Kasting W F. | I |
| Beckert W C. | 11 | Keller Geo & Son | 1080 |
| Benson C W. | 1076 | Keller Pot Co. | 1080 |
| Benthey Coatsworth | | Kennicott Bros. Co. | 1063 |
| | 1057 1059 | Kentucky Tobacco | |
| Berger Bros. | 1060 | Product Co. | 1079 |
| Berling H G. | 1060 | Kervan Co The | 1064 |
| Bertermann Bros | Col 062 | King Construction | |
| Boddington A T. | 11 | Co | 1081 |
| Borden F. G. | 1082 | Knapp Chas A. | 1080 |
| Boston Letter Co. | 1079 | Kohr A F. | 1080 |
| Brant D Wood. | 1059 | Kohr Frank L. | 1073 |
| Brazilian Seed Grow- | | Koppelman E L & Co. | 1079 |
| ers Co. | 1066 | Koral Mfg Co. | 1079 |
| Breitmeyer's J Sons | 1062 | Kramer I N & Son | 1080 |
| Brod John. | 1075 | Kroeschell Bros | Col 084 |
| Bruns H N. | 11 | Kuehn C A. | 1080 |
| Buckley W T Co. | 1075 | Kuhl G A. | 1073 1075 |
| Budlong J A. | 1059 | Lager & Hurrell. | 1076 |
| Burpee W A & Co. | 11 | Lang Julius. | 1081 |
| Byer Bros. | 1078 | Langjahr A H. | 1061 |
| Byer Floral Co. | 1075 | Larchmont Nurs. | 1072 |
| Caldwell the Woods- | | Lecakes N & Co. | 1064 |
| man Co. | 1064 | Leikens. | 1062 |
| Carmony J D. | 1083 | Leonard Seed Co. | 11 |
| Chadwick Chas. | 1062 | Ley A & Bro. | 1078 |
| Chicago Carnation | | Livingston Seed Co. | 1079 |
| Co. | 1070 1075 | Lock J H. | 1057 |
| Chicago House | | Lockland Lumb'r Co. | Col 083 |
| Wrecking Co. | 1081 | Loomis Carnatio Co. | 1074 |
| Cleveland Cut Flo Co. | 1060 | Loomis Floral Co. | 1072 |
| Cockroft Jas D. | 1071 | Lord & Burnham Co. | |
| Coles W W. | 1078 | | III IV |
| Conard & Jones Co. | 1069 | Lathrop W P. | 1076 |
| Cotsonas Geo & Co. | 1064 | Loven J G. | 1074 |
| Cottage Gardens Co. | 1075 | Mader Paul. | 1076 |
| Cowee W J. | 1079 | Mangel John. | 1062 |
| Craig Robt & Son. | 1078 | May John N. | 1070 |
| Craig Wm P. | 1072 | McCullough's J M | |
| Cross Eli. | 1076 | Sons Co. | 1060 |
| Crowl Fern Co. | 1064 | McKellar Chas W. | 1065 |
| Cunningham D O | | Mette Henry. | 11 |
| Glass Co. | 1081 | Metropolitan Mate- | |
| Cunningham Jos B | 1066 | rial Co. | 1081 |
| Davis A B & Son. | 1071 | Mich Cut Flower Ex | 1058 |
| Davis Bros. | 1078 | Millang Chas. | 1061 |
| Deamud J B. | 1058 | Mills The Florist. | 1062 |
| Detroit Flower Pot | | Moller Ludwig. | 1057 |
| Mfg. | 1080 | Moninger J C Co. | 1083 |
| Dietsch A Co. | 1083 | Montana Fertilizer | |
| Diller Caskey & Co. | 1083 | Co. | 1082 |
| Dillon J L. | 1072 1076 | Moon The Wm H Co. | Col 069 |
| Dillon's Mfg Co. | 1084 | Moore Hentz & Nash | 1061 |
| Doraer F & Sons Co. | 1073 | Moshaek L. | 1076 |
| Dreer H A. | 1065 1081 | Munson Greenh's. | 1069 |
| Dreyer R. | 1078 | Murchie John. | 1073 |
| Elliott Wm H. | 1060 | Murdoch J B & Co. | 1080 |
| Elliott Wm & Sons. | 11 | Natl Flo Bldg Trade | 1080 |
| Ellwanger & Barry. | 1068 | N Y Cut Flower Co. | 1061 |
| Emmans Geo M. | 1075 | N Y Cut Flower Ex | 1060 |
| Ernest W H. | 1080 | Nicotine Mfg Co. | 108 |
| Fenrich J S. | 1061 | Niessen Leo Co. | 1060 |
| Fisher Peter. | 1 | Noyes C J. | 1068 |
| Flower Growers Co. | 1059 | N. daily The Co. | 1078 |
| Foley Mfg Co. | 1083 | O'Hagan J H. | 1068 |
| For sale and rent. | 1055 | Paducah Pottery. | 1080 |
| Ford Bros. | 1061 | Palmer W J & S. | 1062 1071 |
| Forest Nursery & | | Park Floral Co. | 1062 |
| Seed Co. | 1069 | Peacock L K. | 1076 |
| Poster Lucius H. | 1078 | Peterson Nursery. | 1088 |
| Freeman Jos R. | 1062 | Phila Cut Flower Co. | Col 060 |
| Furrow Bros. | 1075 | Phillips Mfg Co. | 1081 |
| Gardeners Chronicle | 58 | Pierson F R & Co. | 1074 |
| Garland Geo M. | 1084 | Pierson Sefton Co. | IV |
| Geller Sigmund. | 1080 | Pittsburg Cut Flo Co. | 1058 |
| Ghormley Wm. | 1061 | Pittsburg Florist Ex | 1060 |
| Giblin & Co. | IV | Poehlmann Bros | Col 059 |
| Globe Eng Co. | 1067 | Pollworth CCCo | 1062 1080 |
| Grand Rapids Florist | | Quaker City Mach | |
| Association. | 1065 | Wks. | 1081 |
| Gude A & Bro. | 1062 | Randall A L Co. | 1063 |
| Gurney Heater Co. | 1064 | Rawson W & Co. | 11 |
| Guttman Alex J. | 1061 | Raynor J J. | 1061 |
| Guttman & Weber. | 1075 | Reed & Keller. | 1079 |
| Hall & Jones Co. | 1064 | Reese & Compere. | 1057 |
| Hallcock V H & Son. | 1076 | Regan Print House | 1081 |
| Hansen Julius. | 11 | Reinberg Geo. | 1059 1072 |
| Harrison Pottery. | 1080 | Reinberg Peter | 1057 073 |
| Haverland B H. | 11 | Rice Bros. | 1080 |
| Hart Jas. | 1061 | Rice James H Co. | 1080 |
| Hauswirth P J. | 1062 | Rice M & Co. | 1079 |
| Heacock Jos. | 1078 | Riverside Nurseries | 1068 |
| Heller & Co. | 11 | Robinson H M & Co. | 1064 |
| Heller Bros. | 1058 | Rock W L. | 1062 |
| Hereudeen Mfg Co. | IV | Roehrs Julius. | 1076 |
| Hermiteage Carna Co | 1074 | Rolker A & Sons. | 1089 |
| Herr Albert M. | 1072 1075 | Rossig Bros. | 1079 |
| Herrmann A. | 1079 | Rossiter H. | 1072 |
| Hess & Swoboda. | 1062 | Saaks O. C. | 1062 |
| Hews A H & Co. | 1080 | Salter W H. | 1073 |
| Hillfinger Bros. | 1080 | Sander & Sons | 1057 |
| Hill The E G Co. | I | Schillo Adam. | 1081 |

Scott John 1078
 Sharp Partridge & Co 1081
 Sherman Nursery Co 1078
 Sheridan W F. 1061
 Sievers & Boland. 1082
 Skinner Bros. 1059
 Skidelsky S S. 1073
 Smith Nath & Son. 1078
 Smith W & T Co. I
 Smits Jac. 1068
 Sprague Smith Co. 1081
 Standard Pump &
 Engine Co. IV
 Stearns Lumber Co 1081
 Steinhoff H A & Co 1079
 Storrs & Harrison. 1068
 Styer J J. 11
 Sunset Hort Design
 & Eng Co. 1078
 Swayne Wm. 1072
 Syracuse Pot Co. 1080
 Thompson J D Car-
 nation Co. I
 Thorburn J M & Co. II
 Tobacco Warehouse &
 Trading Co. 1079
 Totty Chas H. 1075
 Traendly & Sch'neck 1081
 Van Kleef W & Sons 1068

Vaughan's Seed Store
 I II 1064 1067 1069
 Vaughn J & Sperry. 1059
 Vestal Jas W & Son 1069
 Vick's Sons Jas 1069
 Waban Rose Conser 1074
 Walker F & Co. 1078
 Warburton C. 1072
 Ward Ralph M & Co. II
 Watson W H. 1078
 Weber F C. 1062
 Weber H & Sons. 1071
 Weber & Don. 11
 Weiland Peter. 1058
 Weiland & Risch 1057 1074
 Welch Bros 1060
 Western Seed Co. 107
 Whildin Pot Co. 1080
 Whitton Samuel. 1078
 Wiestor Bros. 1033 1071
 Winterson E F Co. 1059 1064
 Wittbold Geo Col 1078
 Wolf Jno 1062
 Wood Bros 1075
 Young A L & Co. 1081
 Young John. 1061
 Young Thos Jri 1061
 Young & Nugent. 1061

KROESCHELL BROS. CO. IMPROVED Greenhouse Boiler, 45 Erie St., CHICAGO.



Boilers made of the best of material, shell, fire-
 box sheets and heads of steel, water space all
 around (front, sides and back). Write for
 information.

There Are Buyers

For all kinds of good stock
 advertised in.....

THE AMERICAN FLORIST

Eureka Greenhouses....

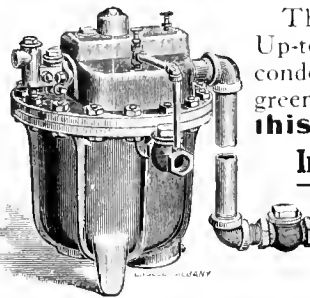
THE BEST AND LOWEST IN PRICE.

All houses erected at the factory and
 shipped to purchasers with blue prints,
 photographs and plain directions so that any person can put them up.

DILLON GREENHOUSE MFG., CO., Bloomsburg, Pa.

Steam Traps

SAVE COAL



This is the Return Steam Trap used by the
 Up-to-date Greenhouse men to return the
 condensed water from the heating coils in their
 greenhouses. **Have been in use for
 this purpose over 30 years.**

Insures an Even Temperature.

Send For Red Catalogue.

Albany Steam Trap Co.
 ALBANY, N. Y., U. S. A.

CROP INSURANCE.

Life insurance is valuable because it guarantees the outcome.

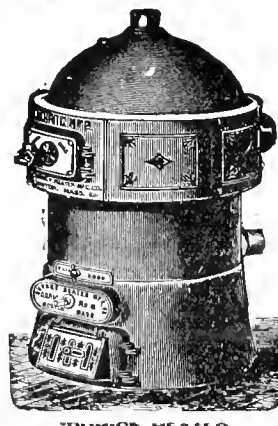
"Gurney" Heaters

"BRIGHT IDEA," "DORIC" and "400 SERIES" do the
 same thing for your hothouse: **THEY GUARANTEE THE
 CROP.** First of all they save 20 per cent on the coal bill and
 so keep expense at a minimum. Next, they produce an even
 heat and so do not imperil the life of the plant. Next, they
 are simple to operate and so require least attention. Lastly,
 they wear longer than others and thus perceptibly reduce the
 capital invested. Don't buy or exchange until you've inves-
 tigated them.

GURNEY HEATER MFG. CO.

74 Franklin Street,
 BOSTON, MASS.

111 Fifth Avenue,
 NEW YORK CITY.



"DORIC" HEATER.

